Self - Study Report
for Accreditation

2015-16 to 2019-20

College of Forestry , Kanpur

Chandra Shekhar Azad
University of Agriculture & Technology, Kanpur - 208002

FOREWORD

Chandra Shekhar Azad University of Agriculture & Technology, Kanpur is a premier agricultural institution serving the nation since 1893, with a massive commitment towards improving the rural prosperity through education, research and extension activities, in a sustained manner. The University has been addressing the various challenges faced by the agricultural sector, through its basic and applied research initiatives, thereby facilitating a quantum jump in agricultural production and productivity, in addition to improving the quality of human resource in the country. The country is facing several challenges like large acreage under rainfed cultivation, declining soil health, climatic vagaries, inadequate post harvest management strategies, market fluctuations, large proportion of resource poor farmers etc. These challenges call for renewed thrust on improving the productivity of different crops, overcoming biotic and abiotic stresses through innovative technologies and their effective dissemination among the end-users, to bridge the yield gap and also to fully exploit the untapped potential of the crops. There has been a continuous decline in the per capita availability of natural resources like land, water and forests. Even as millions of hectares of forest are lost every year and large number of reforestation efforts have failed, there are smallholder farmers in the world who, for years, have grown and managed their own trees on a sustainable basis. Initially, the department of Forestry was initiated in the year, 2002 with multi-disciplinary approaches and started imparting education leading to B.Sc. (Hon.) Forestry degree under the umbrella of Faculty of Agriculture, Chandra Shekhar Azad University of Agriculture & Technology, Kanpur. Thus, College of Forestry started functioning with interdisciplinary collaboration with other faculties of Agriculture from the year 2002. College and hostel buildings were established on the receipt of grants from State Govt. The educational programmes offered from College of Forestry were as per the guidelines issued by ICAR and ICFRE and also recognized by them Indian Council of Agricultural Research (ICAR) and Indian Council of Forestry Research and Education (ICFRE).Implicit objective of starting forestry education in India through University system was to bring about qualitative improvements in education, research and training. The contribution of forestry education to the general well-being of people, role of these graduates and need of appropriate training are being critically-examined worldwide. The primary focus of the College is on teaching, research and extension and package of practices for sustainable development of forestry and natural resources for the whole society and ethical values of forest community in this changing climate. It also focuses to climate resilience technologies through its Research Development and Technological Innovation for the benefit of farmers, students, professionals, foresters and entrepreneurs. The new building of College of Forestry was constructed in the University Campus in 2006. In the light of changing agriculture scenario, it is imperative that our approaches be capable of attaining the highest level of excellence towards forestry education in the state of Uttar Pradesh, thereby, contributing towards food, fodder, fibre and nutritional security of the nation.

I appreciate the efforts of HOD and his team for their excellent contribution in preparing this document.

Date: 10-01-2021
Place : Kanpur

(Dharmraj Singh)
Dean

Task Force Committee for the Self Study Report

Chairman: Dean College of Agriculture /Forestry

Coordinator/ Member Secretary: Dr. R.P. Singh, HOD, Forestry & SCWM

TASK FORCE COMMITTEE

Task	Committee	Designation
History and Development of College Mission, Goals & Objectives	Dr. R.P.Singh	Professor & Head, SCWM
Organization & Governance Academic Programme and Curricula	Dr. Kaushal Kumar	Professor, SCWM
Faculty and other Human Resource Development	Dr. Sarvesh Kumar	Professor, SCWM
Research & Extension Education	Dr. Mohd. Samim, Dr. U.D. Awasthi,	Asstt. Professor, Directorate of Research, Asstt. Professor, SCWM
Library and Other Learning Resource, Physical Facilities	Dr. Kaushal Kumar Dr. A.K. Katiyar	Professor, SCWM Asstt. Professor, SCWM
Finance Resource	Sri Girja Shanker Katiyar	Asstt. Accountant, Comptroller Office
SWOT Analysis and Summary	Dr. Sarvesh Kumar Dr. Harish Chandra Singh	Professor, SCWM Asstt. Professor, GPB
Editorial Board	Dr.R.P.Singh	Professor & Head, SCWM
	Dr.C.P.Sachan	Professor, SST
	Dr.Munish Kumar	Professor, SCWM
	Dr.Kaushal Kumar	Professor, SCWM
	Dr.Sarvesh Kumar	Professor, SCWM

Index

Sl. No.	Contents		Page No.

Self-Study Report for
Undergraduate Programme
In
Forestry

College of Forestry
Chandra Shekhar Azad University of Agriculture & Technology,
Kanpur - 208002

6.4.1. Brief History of the Degree Programme

Clearly mention in which year the degree program was initiated along with its objective and accomplishments.

The College of forestry was established under the aegis of Chandra Shekhar Azad University in the year 2002 vide Letter No. 7773/GS dated 22.09.2010 of OSD (Legal) of Hon'ble Chancellor, Uttar Pradesh and University Registrar Notification No. CSAU/R 2314/2010 Dated Oct. 26, 2010. The first batch of students took admission in B.Sc. (Hon.) Forestry during academic session2002-03 with the provision of 33 students through UPCATET entrance examination. The course curriculum adopted for teaching was as per Vth Dean's committee of ICAR and currently continuing with same course curriculum.

Mandate

- To impart quality teaching for holistic personality development of forestry personnel's.
- To motivate people for increasing the forest/ trees cover through extension programme.
- To prepare teaching, research and extension specialists having integrated knowledge of Forestry and Natural resource Management.

Objectives

The college of forestry has to be full filled the objectives as laid down below:

i. To impart and disseminate quality education and research in different branches of forestry as it may deem fit.
ii. To provide the students best infrastructure of laboratories and research farm to carry out quality practical learning.
iii. To develop forestry related demonstration plots, instructional farms and agroforestry models for students and farmers.
iv. To undertake programme of extension education in forestry in area jurisdiction of university of the state
v. To promote partnership and linkages with national and international institutions

Mission:

- The mission of College of Forestry is to impart the training for capacity building of manpower for sustainable development of Forestry and natural resources as well as conservation of optimum utilization of ecosystem diversity with integration of forestry.
- To develop curriculum for quality education for the students and integrated rural development program.
- To develop professional and foresters for the corporate sectors, teaching as well as for research which serve the nation.

Vision:

There is need of imparting adequate training in Forestry and Natural Resource Management which encompasses the management of Green and forest cover. To develop Agroforestry models and agro-techniques of medicinal and aromatic plants suitable for Central Plain Zone and South West Semi-Arid Zone of UP.

Goal

- To provide quality education for research, extension with its well-balanced educational programmes.
- To promote forestry, agroforestry, soil and environmental science with prime focus on socio-economic improvement, rural development, ecosystem rehabilitation & restoration and Natural resource management in Uttar Pradesh.

- To develop climate resilience technologies/ package of practices through its Research Development and Technological Innovation for the benefit of farmers, students, professionals, foresters and entrepreneurs.

6.4.2. Faculty Strength

The faculty strength of the Degree Programme need to be given cadre-wise, both sanctioned and in-place (under the table mentioned below). Clearly mention the number of permanent faculty appointed for the Degree Programme, part time faculty being deputed from the other departments (in such case mention the name of these departments). If the Degree Programme is also taking the help of Research staff, extension staff, contractual faculty, guest faculty, adjunct faculty or any other arrangement being made to complete the curriculum, it should be clearly mentioned in the report.

The faculty strength of degree programme need to be given cade-wise both sanctioned and in place (Under the table below). Clearly mention the number of permanent faculty appointed for the Degree Programme, part time faculty being deputed from the other departments(in such case mention the name of these departments).If the degree programme is also taking the help of research staff, extension staff, contractual faculty, guest faculty, adjunct faculty or other arrangement being made to complete the curriculum, it should be clearly mentioned in the report.

The strength of the faculty-

S.N0.	Post	No. of sanctioned Post	In-Position	Vacant	Faculty recommended by the ICAR
1.	Professor	00	04	00	-
2	Associate Professor	00	00	00	-
3	Assistant Professor	00	02	00	-
5	Teaching Associate	00	05	00	-

Faculty Profile

S.N.	Name of Teachers	Designation	Department
1.	Dr. R. P. Singh	Professor and Head,	SCWM
2.	Dr. Munish Kumar	Professor	SCWM
3.	Dr. Kaushal Kumar	Professor	SCWM
4.	Dr. Sarvesh Kumar	Professor	SCWM
5.	Dr. U.D. Awasthi	Assistant Professor	SCWM
6.	Dr. A.K. Katiyar	Assistant Professor	SCWM
7.	Dr. S.C. Katiyar	Professor (Retd.)	SCWM
8.	Dr. S.K. Uttam	Associate Professor (Retd.)	SCWM

Common Faculty

S.N.	Name of Teachers	Designation	Departments
1.	Dr. C.P. Sachan	Professor	SST
2.	Dr. Mahak Singh	Professor	GPB
3.	Dr. Lallu Singh	Professor	ABC
4.	Dr. M. Z. Siddique	Professor	AGR
5.	Dr. Ram Ji	Professor	AHD

6.	Dr. Ved Prakash	Professor	AHD
7.	Dr. Naushad Khan	Professor	AGR
8.	Dr. Anil Kumar	Professor	SAC
9.	Dr. KripaShanker	Professor (Rtd.)	ENT
10.	Dr. Harish Chandra	Assistant Professor	GPB
11.	Dr. GeetaRai	Assistant Professor	GPB
12.	Dr. NaliniTewari	Assistant Professor	GPB
13.	Dr. C.B. Singh	Assistant Professor	SST
14.	Dr. RakeshBabu	Assistant Professor	ABC
15.	Dr. Nand Kumar	Assistant Professor	ABC
16.	Dr. R.S. Umrao	Assistant Professor	ENT
17.	Dr. R. K. Dwivedi	Assistant Professor	ENT
18.	Dr. Rakesh Kumar Singh	Assistant Professor	AES
19.	Dr. A. K. Singh	Assistant Professor	AES
20.	Dr. A.K. Singh	Assistant Professor	EXT
21.	Dr. O.P. Yadav	Assistant Professor	EXT
22.	Dr. S. P. Kushwaha	Assistant Professor	PPY
23.	Dr.D.K. Tripathi	Assistant Professor	PPY
24.	Dr. R.K. Pathak	Assistant Professor	SAC
25.	Dr. Shamim Ahmad	Assistant Professor	AES

Teaching Associates

S.N.	Name of Teachers	Designation	College
1.	Dr. P.K. Mishra	Teaching Associate (Silviculture& Agroforestry)	Forestry
2.	Dr. Smriti Mishra	Teaching Associate (Forest Botany& Tree improvement)	Forestry
3.	Dr. Vipin Kumar	Teaching Associate (Wood Product& Utilization)	Forestry
4.	Dr.D.ShikhaBhargav	Teaching Associate (English)	Forestry
5.	Dr. Shushma Singh	Teaching Associate (Computer Science)	Forestry
6.	Sri Ashish Kumar	Teaching Associate (Yoga)	Forestry

Course Load of College of Forestry
B.Sc. (Hon) Forestry I Semester

S. No.	Course No.	Credits	Name of course(s)	Name of Instructor(s)	Course Load
1.	FBT-121	3(2+1)	Plant Physiology	Dr. D.K.T ripathi Dr. O.P. Singh	DK -3.0 OPS -3.0
2.	FBT -122	2(1+1)	Plant Cytology and Genetics	Dr. Mahak Singh Dr H. C. Singh	MS - 2.5 HCS – 2.5
3.	SAF -121	3(2+1)	Theory and Practice of Silviculture	Dr. Munish Kumar, Dr. R.P. Singh DrKaushal Kumar	MK -2.66 RPS -2.66 KK – 2.66
4.	FPU -121	3(2+1)	Wood Anatomy	Dr. D.K Tripathi Guest Faculty	DK -3.0 SM -3.0
5.	WLS-121	3(2+1)	Wildlife Biology	Dr. Sarvesh, Dr. Anand Srivastava Guest Faculty	SK -2.66 AS-2.66 VK-2.66
6.	NRM-121	3(2+1)	Forest Protection	Dr. R.K. Dwivedi Guest faculty	RKD -3.0
7.	SBS -121	3(2+1)	Statistical Methods & Experimental	Dr. Anjani Singh, DrArunSrivastva,	AK-2.5 AS-2.5

			Designs	Dr. Kuldeepsaxena Sri Ashok Singh	KS-2.5 AS-2.5
8.	PEY -121	1(0+1)**	Physical Education-II	Guest Faculty, DSW Office	AK-2.0

B.Sc.(Hon) Forestry II Semester

S. No.	Course No.	Credits	Name of course(s)	Name of Instructor(s)	Course Load of individual instructor
1.	SAF-111	2(2+0)	Introduction to Forestry	Dr. U.D. Awasthi Guest Faculty	UDA-1.0 PK M -1.0
2.	SAF-112	3(2+1)	Dendrology	Guest Faculty of Forestry	SM -3.0 PKM -3.0
3.	NRM-112	3(2+1)	Geology & Soils	Dr. R.K. Pathak Guest Faculty	RKP -3.0 VK -3.0
4.	SBS-111	2(2+1)	Information and Communication Technology	Dr. A.K. Singh Guest Faculty (Computer)	AKS – 3.0 SS -3.0
5.	SBS-112	2(2+1)	Communication Skills and Personality Development	Guest Faculty of Agri. Ext. (English)	DSB-4.0
6.	SBS-113	2(1+1)	Plant Biochemistry	Dr. R. B. Gautam Dr. Nand Kumar Guest Faculty	SM-2.33 RBG-2.33 NK-2.33
7.	SBS-114	2(1+1)*	Forest Botany	Guest Faculty of Forestry	SM-2.5 PK-2.5
8.	PEY-111	1(0+1)**	Physical Education-1	Guest Faculty of Physical Education	AK -2.0
9.	NCC/NSS-111	1(0+1)	NCC/NSS	Dr. Sarvesh Kumar Dr. R.S. Umrao	SK-1.0 RSU-1.0

B.Sc.(Hon) Forestry III Semester

S. No.	Course No.	Credits	Name of course(s)	Name of Instructor(s)	Course Load
1.	NRM-211	3(2+1)	Environmental Studies and Disaster Management	Dr. R.P. Singh Dr.Smriti Mishra (T.A.) Dr. P.K.Mishra (T.A.)	RPS-2.66 SM-2.66 PK-2.66
2.	NRM-212	3(2+1)	Forest Survey & Engineering	Dr. R.P. Singh Dr. Sarvesh Kumar Dr. Vipin Kumar (T.A.)	RPS-2.66 SK-2.66 VK-2.66
3.	NRM-213	3(2+1)	Soil Biology & Fertility	Dr. A.K.Schan Dr. R.K. Pathak Dr. Vipin Kumar (T.A.)	AKS-2.66 RK-2.66 VK-2.66
4.	NRM-214	3(2+1)	Forest Ecology & Biodiversity	.Dr. Anand Srivastva Dr.Smriti Mishra (T.A.) Dr. P.K.Mishra (T.A.)	AS-2.66 SM-2.66 PK-2.66

5.	FBT-211	3(2+1)	Tree Improvement	Dr. Mahak Singh,	MS-2.66
				Dr. H.C.Singh	HCS-2.66
				Dr.Smriti Mishra (T.A.)	SM-2.66
6.	SAF-211	3(2+1)	Principles of Agroforestry	Dr. Munish Kumar	MK-2.66
				Dr.Smriti Mishra (T.A.)	SM-2.66
				Dr. Vipin Kumar (T.A.)	VK-2.66
7.	SAF-212	3(2+1)	Forest Menstruation	Dr. Lalmani	LM-3.0
				Dr. Vipin Kumar (T.A.)	VK-3.0
8.	PEY-211	1(0+1)**	Physical Education-III	Sri Ashish Kumar	AK-2.0
9.	NCC/NSS-211	1(0+1)	NCC/NSS	Dr. Sarvesh Kumar	SK-2.0
				Dr. R.S. Umrao	RS-2.0

B.Sc. (Hon) (Forestry) IV Semester

S. No	Course code	Credits	Name of course(s)	Name of Instructor(s)	Course Load
1.	SAF 221	3(2+1)	Forest Management	DrMunish Kumar	MK-3.0
				Dr.Smriti Mishra (T.A.)	SM-3.0
2.	SAF 222	3(2+1)	Silviculture of Indian Trees	Dr R.P. Singh,	RPS-2.66
				Dr. Kaushal Kumar	KK-2.66
				Dr. P.K.Mishra (T.A.)	PK-2.66
3.	FPU 221	3(2+1)	Wood Products & Utilization	Dr. U.D. Awasth	UDA-2.66
				Dr. A. K. Katiyar	AK-2.66
				Dr. P.K.Mishra (T.A.)	PK-2.66
4.	FPU 222	3(2+1)	Ethnobotany, Medicinal and Aromatic plants	DrKaushal Kumar	KK-3.0
				Dr.Smriti Mishra (T.A.)	SM-3.0
5.	WLS 221	3(2+1)	Ornithology & Herpetology	DrAnandSrivastva	AS-3.0
				Dr. ShradhaSaxena	SS-3.0
6.	FBT 221	3(2+1)	Seed Technology & Nursery Management	Dr. Kaushal Kumar	KK-2.66
				Dr. Sarvesh Kumar	SK-2.66
				Dr. C.P. Sachan	CPS-2.66
7.	NRM221	2(1+1)	Rangeland and Livestock Management	Dr. Sarvesh Kumar	SK- 2.5
				DrRamji,	RJ-2.5
8.	SBS 221	2(2+0)	Forest Tribology & Anthropology	Dr. A.K. Katiyar	AK-1.0
				Dr. P.K.Mishra (T.A.)	PK-1.0
9.	SBS 222	1(0+1)**	Study Tour of State Forest	Dr.R.P.Singh,	RPS-2.0
				Dr. Kaushal Kumar	KK-2.0
				DrSarvesh Kumar	SK-2.0
				Dr. U.D. Awasthi	UDA-2.0

B.Sc. (Hon) Forestry V Semester

S. No.	Course No.	Credits	Name of course(s)	Name of Instructor(s)	Course Load
1.	SAF-311	3(2+1)	Forest Hydrology and Watershed Management	Dr. R.P.Singh	RPS-2.66
				Dr.Sarvesh Kumar	SK-2.66
				Dr. G.S. Parihar	GSP-2.66
2.	NRM-311	3(2+1)	Climate Science	Dr. R.P.Singh	RPS-2.66
				Dr. Nausad Khan	NK-2.66

S.No.	Course code	Credits	Name of course(s)	Name of Instructor(s)	Course Load
				Dr. A.K. Katiyar	AK-2.66
3.	FPU-311	3(2+1)	Wood Science and Technology	Dr. A.K. Katiyar Dr. P.K.Mishra (T.A.)	AK-3.0 PK-3.0
4.	FPU-312	2(1+1)	Logging and Ergonomics	Dr. P.K.Mishra (T.A.)	PK-3.0
5.	SBS-311	3(2+1)	Forest Extension & Community Forestry	Dr. A.K.Singh Dr. P.K.Mishra (T.A.)	AKS-3.0 PK-3.0
6.	SBS-312	2(2+1)	Entrepreneurship Development & Business Management	Dr. Mohd. SameemAhamad Dr.Smriti Mishra (T.A.)	MSA-3.0 SS-3.0
7.	SBS-313	3(2+1)	Forest Economics and Marketing	Dr. Balwant Singh AES Sri AnshuSengar	BS-3.0 AS-3.0
8.	FEL-311	5(0+5)	Experiential Learning - 1(Raising quality planting material for forest regeneration)	Dr. R.P.Singh Dr. Munish Kumar Dr. Sarveshkumar Dr. U.D. Awasthi Dr. A.K. Katiyar	RPS-5.0 MK-5.0 SK-5.0 UD-5.0 AK-5.0
9.	NCC-311	1(1+0)	NCC	Dr. Sarvesh Kumar Dr. R.S. Umrao	SK-2.0 RS-2.0

B.Sc. (Hon) Forestry VI Semester

S. No.	Course code	Credits	Name of course(s)	Name of Instructor(s)	Course Load
1.	SAF 321	3(2+1)	Plantation Forestry	Dr. Kaushal Kumar Dr. P.K Mishra (T.A.)	KK-3.0 PK-3.0
2.	NRM 321	2(2+0)	Forest Laws, Legislation and Policies	Dr. Smriti Mishra (T.A.) Dr. P.K Mishra (T.A.)	SM-1.0 PK-1.0
3.	NRM 322	3(1+2)	Geomatics	Dr. Munish Kumar Dr. Sushma Singh (T.A.)	MK-3.0 SS-3.0
4.	NRM 323	2(1+1)	Recreation & Urban Forestry	Dr. A,K. Katiyar Dr. J.P. Singh Dr. S.M. Tripathi	AK-2.33 JPS-2.33 SMT-2.33
5.	NRM 324	2(1+1)	Restoration Ecology	Dr. Kaushal Kumar Dr. Smriti Mishra (T.A.)	KK-2.5 SM-2.5
6.	FPU 321	3(2+1)	Non-Timber Forest Products	DR.U.D Awasthi ,Dr. A.K. Katiyar Dr. Mohd. Shamim Ahmad	UDA-2.66 AK-2.66 MSA-2.66
7.	FPU 322	2(2+0)	Certification of Forest Products	Dr. P.K Mishra (T.A.)	PK-2.0
8.	FEL-321	5(0+5)	Experiential Learning II (Apiculture)	Dr. Ram Singh Umrao, Dr. Fazal Ahmad	RS-5.0 FA-5.0

B.Sc. (Hon.) Forestry VII Semester

S.No.	Course code	Credits	Name of course(s)	Name of	Course Load

S.No.	Course code	Credits	Name of course(s)	Instructor(s)	
1.	READY-411	20(0+20)	Forestry Work Experience	Dr. R.P.Singh, Dr. Munish Kumar Dr. Sarvesh Kumar, Dr. Kaushal Kumar Dr. U.D. Awasthi Dr. A.K. Katiyar	RPS-3.33 Mk-3.33 SK-3.33 KK-3.33 UDA-3.33 AK-3.33
2.	SBS-411	3(o+3)**	All India Study Tour	Dr. U.D. Awasthi	UDA-3.0

B.Sc. (Hon) Forestry VIII Semester

S.No.	Course code	Credits	Name of course(s)	Name of Instructor(s)	Course Load
1.	NRM-421	2(1+1)	Forest Inventory and Yield Prediction	Guest Faculty	SM-2.5 PK-2.5
2.	FBT-421	3(2+1)	Forest Biotechnology	Dr. R.P. Vyas, Dr. Ajay Kumar Singh and Guest Faculty	RPV-2.66 AKS-2.66 SM-2.66
3.	SAF-421	3(2+1)	Agroforestry Systems and Management	Dr. Munish Kumar, Dr. Kaushal Kumar Dr.U.DAwasthi	MK-2.66 KK-2.66 UDA-2.66
4.	WLS-421	2(1+1)	Wildlife Management	Dr. Sarvesh Kumar Dr. Anand Srivastava	SK-2.5 AS-2.5
5.	SBS-421	3(2+1)	Agricultural Informatics	Dr. Arun Srivastava Guest Faculty	AS-3.0 SO-3.0
6.	PWD-421	10(0+10)	Project Work & Dissertation	Dr. Munish Kumar, Dr. R.P. Singh, Dr. Kaushal Kumar Dr. Sarvesh Kumar, Dr.U.DAwasthi Dr. A.K. Katiyar	MK-2.0 RPS-2.0 KK-2.0 SK-2.0 UD-2.0 AK-2.0

6.4.3. Technical and Supporting staff

The position of the technical and supporting staff of the Degree Programme including farm and field workers need to be mentioned for both sanctioned and in- place.
*The technical and supporting staff assigned the responsibilities for the multiple programmes need to be clearly marked.
**Clearly mention the deviation in the staff position with respect to the recommendations of V Deans' Committee/VCI/BSMA/ other regulatory bodies.

S.N.	Post	Sanctioned Post	In-Position	Vacant
	Dean Office and Establishment			
1.	Personal Assistant	00	01	00
2.	Computer Operator	00	01	00
3.	Field cum Lab Assistant	00	02	00

4.	Office Assistant	00	03	00
5.	Class- IV	00	02	00
6.	Driver	00	01	00
	Staff at College Level for all department			
7.	Assistant Registrar	01	01	00
8.	Assistant Engineer	01	01	00
9.	Assistant Comptroller	01	01	00
10	Medical Officer	01	01*	00
11.	Assistant Account Officer	01	01	00
12.	Compounder	02	01	01
13.	Pharmacist	01	01	00
14.	Dresser	01	01	00
15.	Mid-wife	01	00	01
16.	Librarian	01	01	00
17	Book Binder	01	01	00
18	Book Shorter	02	01	01
19.	Cataloguer	01	01	00
20	Sports Coach	01	01	00
21	Yoga Coach	00	01	00
22	Plumber	01	01	00
23.	Electrician	01	01	00
24	Watch-Man	00	04	00
25	Carpenter	00	01	00

6.4.4 Classrooms and Laboratories

Mention the number of class rooms and functional laboratories available for the degree programme and justify if it is sufficient to meet the course curricula requirement. Lists major equipments, laboratories, farm facilities, workshops and other instructional units being utilized for the award of the Degree Programme may be given. Mention theory and practical batches for the Degree Programme.

Space for Departments, Classrooms and Laboratories				
S.No.	Particular(s)	Floor	Size (m2)	Capacity/ Chambers
Classrooms				
1.	Lecture Hall-1	Ground Floor	60.0 Sqm	40
2.	Lecture Hall-2		60.0 Sqm	40
3.	Lecture Hall-3		60.0 Sqm	40
4.	Lecture Hall-4		60.0 Sqm	40
5.	Smart Class		109.38 Sqm	40
				40 (Lib. SCWM)
6.	Library Forestry		109.16 Sqm	40
7.	Conference Hall		106.69 Sqm	40
Under graduate (UG) Laboratories				
8.	Silviculture and Agroforestry	Ground Floor	60.0 Sqm	60
9.	Forest Products and Utilization		60.0 Sqm	60

15

| 1o. | Survey Lab | | 60.0 Sqm | 60 |
| 11. | Soil Science Lab | | 60.0 Sqm | 60 |

Central Laboratories

12.	Centralized Laboratory	Under the department of Soil Science & Agriculture Chemistry
13.	Research Lab	

Laboratories along with equipment's and farm facilities

S.No.	Particular(s)	Facilities/Equipment
1.	Silviculture and Agroforestry	Abney's Level, Haga Altimeter, Binocular , Air Conditioners, Lab Oil Extraction Unit, Seed Display units (single cavity), Tree Calipers, Verniercaliper (manual), Wedge prisms, Heating mantle, Weighing scale, Hot air oven (digital),Refrigerator, Precision weighing balance, Seed germinator, Hot air seed dryer/ drying unit, Water bath, Shaker, Power tiller
2.	Forest Products and Utilization	Essential oil hydro distillation field unit, GPS, Saw, knife, Vanier caliper, Bark Gauge
3.	Survey Lab	IOP Level,Dumpy Level,Abney level,Leveling Staff, Chain, Tape, Offset, Plum bob, Ranging Rod, Prismatic compass, Trough Compass, Plane Table,Alidade,
4.	Soil science lab	Soil thermometer, soil auger, pH meter, Electric conductivity bridge, Soil analysis kit, weighing machine, Oven, Moisture box , sieve shaker
	Nursery	
1	Hi-tech Nursery	1 ha area Poly house, Shade house, Mist Chamber, Pump house, Concrete nursery bed with Sprinkler irrigation system
2	Herbal Garden	0.5 ha Area Poly house, Shade house, Pump house, in 111 bed in situ conservation of medicinal and aromatic plants

6.4.5   Conduct of Practical and Hands-on Training

It is important to have a sound grasp of the theory that underlies any professional degree. But there are some skills that can only be learned through hands-on -practice. It is important that much of the learning material in any given course should be provided in a way that allows students to get as involved as possible to increase their knowledge and abilities. Clearly mention how far students are getting desired practical and hands-on-training as per the curriculum and meeting above mentioned requirements.

Practicals for all courses are conducted as per the requirements of the degree. While conducting the Practicals first the students are instructed about the procedures and practices they have to follow, while accomplishing the exercise. Thereafter, the students are guided for hands on practice for doing the practical exercise at his/her own to build up confidence in the students for independent accomplishment of the exercise.

Name of Degree	Batches (A or B	Name of the courses	Credit of the course	Practical hours(s)	Place of practical (Field/ Laboratories/

	or C)				glasshouse others)
B. Sc (Hons.)Forestry	One	9 Courses	1	18	Departmental Lab

6.4.6 Supervision of Student in PG/Ph.D. programme

N.A.

6.4.7 Feedback of stakeholder (Students, parents, industries, employers, farmers etc.)

Mention the feedback mechanism (duly supported by the documents) from different stakeholders of the degree programme. What action the University has taken in last five years to address the issues raised in the feedback?

There is a well-developed mechanism for seeking feed-back from students regarding teaching-learning process. University developed proforma is provided to students every year on last day of examination in order to record their responses to queries related to syllabus, course outlines, teaching, administrative services, lab, and other facilities provided to them. The Report is then summarized by keeping all the responses systematically and provide a cumulative assessment of the questionnaire. The summary on Course / Course Outline, Teamwork Opportunity / Expert Lectures and Visits /Extra-curricular, Teacher-Student Relationship/Internal Assessments and Assignments, Hostel/ Healthcare, University/Teaching Appraisal, Library/ Computers, Administration/Yoga/NSS/NCC, Laboratories, Good Points of Teaching, Difficulties, and Suggestions are shared among the faculty for further reference and follow up action. The College invited the members of the business community and industrialists a number of times and received a feedback from them. The Industrialists are looking forward to this wonderful University in a bigger and better role of collaboration. They found the University's endeavor to join hands with the entrepreneurs, an immensely positive step. The Industrial community foresees the University as a vehicle of immense growth and productivity in the business and economic activities in area jurisdiction of university. They are of the view that the University can give boost to several Forestry based industries. It can help to set up food processing units, encourage food export, provide employment and benefit the service sector, provide technical knowhow for the Growth of Forestry based industries in collaboration with the University, will directly lead to better business, development of warehouses, stimulus to transport industry, cold storages etc. As an educational institute, the University can refurbish the image of farming and encourage the local youth to join the University and gain scientific knowledge. This youth will then be a major human resource for the food industries here, something which is at present lacking. The industrialists expect the University to collaborate and partner with them for a better future of agriculture. They look forward to trainings, webinars, conferences, and meeting on a common platform. They aspire

to get commercially viable, high value agro- products which can be processed in the industrial units.

The feedbacks on various problems related to forestry sector are collected through State Forest Department and Forest Department as well as by organizing the field days, field visits, farmers' training, etc. Based on feedback, College has prioritized research areas and is currently involved in production of quality planting material of the medicinal plants, forest trees and shrubs. Strong linkages have been developed with Krishi Vigyan Kendra (KVKs) and state departments.

6.4.8 Student intake and attrition in the program for last five years

Year wise information on sanctioned strength, actual intake and attrition in the last five years of the Degree Programme, in the tabular form, shall be provided.

Undergraduate Students are admitted through entrance examination organized by UPCATET. This has helped in building the University of great academic importance, as students belonging to all parts of the state are currently studying in B.Sc. (Hon) Forestry programme at this university. The intake capacity and number of students admitted during the different academic sessions since inception through UPCATET Entrance Examination in Agriculture and Allied Sciences for UG programmes which is given below:

Intake Capacity and Number of Students Registered in Under Graduate Programme

Year wise information on sanctioned strength, actual intake and attrition in the last five years of the Degree Programme, in the tabular form, shall be provided.

Name of the Degree Programme	Actual student admitted in last five years					Attrition (%)				
	Y1	Y2	Y3	Y4	Y5 (Current Year)	Y1	Y2	Y3	Y4	Y5 (Current Year)
	2015-16	2016-17	2017-18	2018-19	2019-20	2015-16	2016-17	2017-18	2018-19	2019-20
B.Sc.(Hons.) Forestry	26	28	17	26	30	7.69	7.14	5.88	00.00	3.33

6.4.9 ICT application in Curricula Delivery

The ICT is now integral part of the teaching programme. ICAR has also been promoting the use of ICT in teaching and practical. Mention whether the Degree Programme is meeting the expectations. If there is any shortfall, it shall be clearly mentioned.

ICT Application in Curricula Delivery:
The University has created a conducive physical ambience of Information and Communication Technology (ICT) infrastructure to facilitate high quality teaching and research. The newly

constructed academic building of the college and departments are equipped with smart classrooms to facilitate teachers and students to access the internet for a blended teaching learning process. Access and computing facility have also been developed in the Colleges Library and Administrative Building to impart qualitative teaching, learning and extension education activities of the University. The 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. A computer laboratory having computers for the students is available with Dean, College of Agriculture/Forestry. The library has developed an integrated reading space that facilitates print and online access. It has 40+ seating capacity.

6.4.10 Degree-Wise and College-Wise Information

The information pertaining to 6.4.1 to 6.4.9 are related to UG program at College of Forestry, Kanpur Campus.

6.4.11. Verification of the information

Since the accreditation of programmes is related to the UPCATET entrance examination and also having weightage for College accreditation, therefore the data presented in the section 6.4 is liable to the verification at any stage.

The college authorities are ready to show all facilities to the committee whenever required

6.4.12. Certificate (Application when SSR is submitted for Programme)

I, **Dr. Dharm Raj Singh**, Dean, College of agriculture/Forestry, Chandra Shekhar Azad University of Agriculture& Technology, Kanpur, hereby certify that the information contained in the Section 6.4.1 to 6.4.9 are furnished as per the records available in the college, and degree awarding university.

Date: 10-01-2021
Place : Kanpur

(Dharmraj Singh)
Dean

6.5.1. College Administration

The Dean of the College and faculty is a whole-time salaried officer of the University. He is responsible to the Vice Chancellor for the conduct and maintenance of the standards of teaching in the college. He is the ex-officio Chairman of the Board of Studies of the Faculty, a member of the Academic Council, the Research Council and the Extension Education Council of the University. He shall have the authority to exercise all such disciplinary powers over the students and faculties.

6.5.1.1. College Dean's Office Establishment

Whether Dean's post has been sanctioned by the appropriate authority as per ICAR Model Act/UGC guidelines? Date of selection of present Dean, mode of selection, tenure etc. shall be mentioned. Clearly mention the staff and infrastructure/ facilities available in the Dean's Secretariat.

Presently, Dr. Dharm Raj Singh, Dean, College of Agriculture is the officiating dean and administrative head of the College of Forestry. However, Dean,s post is not provisioned in the sanctioned strength of the college. Dean, College of Forestry has well-furnished office secretariat with all basic amenities. The special secretary (Agri.) Government of Uttar Pradesh vide his direction latter No. 795/67-Krishi Siksha AA-4-400(108)/07 dated 06-08-2014 clearly indicated that senior most Professor of the College/ Department will responsible for officiating the post of the Dean. Dean's post has not been sanctioned by the State Government. The Tenure of Dean is three years or till incumbent attains age of 62 years, whichever is earlier.

Technical and Supporting Staff at College of Forestry:

Need based skilled/semi-skilled manpower and security guards are hired through the approved contractor as per rules and regulations of the Govt.The details of permanent staff available with the Dean's office is given below:

Details of Permanent Staff (s)

S.No.	Post(s)	No. of Sanctioned Post	In-Position	Vacant	Total
Dean Office and Establishment					
1.	Assistant Registrar	0	1	-	1
2	Asstt. Account officer	0	1	-	1
3	Office Assistant	0	1	-	1
4	Clerk	0	1	-	1
5	Library Assistant	0	1	-	1
6	Laboratory Technician	0	2	-	2
7	Field Cum Lab Assistant	0	2	-	2

Infrastructure Available in the Dean's Secretariat of Forestry:

S. No.	Dean Forestry Chamber (Ground Floor)	1
1.	Toilet	1
2	P.A. Office	1
3	Dean Office	1
4	Supporting Staff	1
5	Waiting Room	1
6	Committee Room	1
7	Common Toilet (First Floor)	1

Facilities available in the Dean's Secretariat:

S.No.	Items
1	Broadband Internet connectivity
2	Reprographic Facilities (Photocopier)
3	Laser Printers (Black and White Printers with Scanning Facility)
4	Colour Printer
5	Visitor Sofa set (3+3)
6	File Storage Facility
7	Air Condition Dean Office with attached toilet
8	Desktop Computer
9	Laptop Computers
10	Projectors and display screen
11	Television/ CCTV Camera
12	Well-furnished Deans Committee Room
13	Visitors Place with Sofa set
14	Office for PA to Deans with all amenities

6.5.1.2.   Monitoring Mechanism for Quality Education (on-line)

Whether the College is having an internal quality assurance system, with appropriate structure and processes, and with enough flexibility to meet the diverse needs of the stakeholders which is required for planning, guiding and monitoring quality assurance and quality enhancement activities of the Colleges. How effectively monitoring of teaching, research and extension across the departments is being conducted, and mention the impact of monitoring on the outcome of the College with reference to students' excelling in academics, research and extracurricular activities.

Monitoring mechanism for quality education:

Quality teaching is the lifeline of the Forestry College. The assurance and improvement of teaching quality possess long-term effective quality control and monitoring. College ensures the regular improvements of teaching quality to meet the basic requirements of sustainable development and enhance the abilities, to fulfill the market driven needs these will promote rational use of the college educational resources and continuously raise and improve the quality of personnel training and form the system of teaching quality which is an effective and continuous improvement. Monitoring mechanism has been developed to identify periodically the bottlenecks in implementing the programme and to take the remedial measures to improve the effectiveness of the programme. The college encompasses the following aspects for quality assessment.

1. Adopted the Course curriculum as per ICAR-V Deans' Committee recommendation for undergraduates.
2. Frequent visits of Dean along with other competent authority in classrooms and laboratories to monitor quality of instructions and methods of delivery of contents.
3. Strictly following Academic calendar and is made available to all students and faculty members well before the commencement of the academic session.

4. Timely conduction of mid-term and end-term examination and evaluation.
5. External evaluation system for final theory examinations of UG programme is in place.
6. Internal evaluation system in practical examinations of UG programme is in place.
7. 80% presence in individual course is essential to appear in final examination.
8. Periodic academic progress monitoring is in place by the Dean of the college.
9. The college teaching staff participate as resource person/expert in agricultural extension activities of the Directorate of Extension. Agricultural technologies dissemination is being done through extension bulletins, pamphlets, radio and TV talks etc.
10. At the end of semester the feedback about the teachers is invited from the students to assess the performance of teachers.

6.5.1.3. Board of Studies:

Whether the CC in the Department level and Board of Studies at the College is in place? The composition of the BoS and date of conduct of meetings for last five years and major recommendations made by the BoS should be given in tabular form.

There exists a combination of bottom up and top-to-bottom approach in the administration of the college with the former being the most prevalent. The issues and progressive ideas generated at the department level are brought to the attention of the Dean. Department Heads meetings are held once a month on an average and more times when any programme is on the anvil. There are three coordinators for each area of significance like Teaching, Research and Extension who are assigned the responsibility of planning the annual programme in consultation with the different department teachers, coordinating and assisting the Dean in relevant aspects under each. Each coordinator works in close collaboration with the Dean.

The Faculty has its Board of Studies called Faculty Board. The Faculty Board is constituted of the Dean as Chairman, Heads of Departments, Professors, Associate Professors and Assistant Professors of the subjects taught in the Faculty, Director of Agriculture Experiment Station and Director of Extension Services. The Board of the Faculty has the powers subject to the jurisdictions of the Academic Council mentioned elsewhere, to have jurisdiction in all matters falling within the scope of its programmes, to determine its curricula, to appoint its own committees and to elect its own Secretary. Number of meeting of Board of faculty organized during the period has been summarized below-

Meetings of the Board of Faculties/ studies organized during the period:

S.N.	Meeting	Date	Members participated*	Major recommendations
1.	Board of Faculties	19.07.2016	71	Implementation of the 5th Dean Commettee recomendations
2.	Board of Faculties	15.10.2016	72	5th Dean Commettee recomendations forwarded to Academic Council for adoption

*- It includes the faculties from College of Agriculture, Horticulture and Forestry, Kanpur

All items pertaining to academic programme, evaluation and so on are discussed in detail at department level and faculty level before giving shape to it as Agenda for the Faculty Board meetings. The Faculty Board has Director Extension, and Director Research as its Ex Officio Members apart from Dean, Faculty of Agriculture who is the chairperson as well. All the items of the Agenda passed by the Faculty Board are included in the Agenda of the Academic council where it is further reviewed and approved or disapproved or deferred as the case may be. The next level of scrutiny and consideration occurs at of the Board of Management level and as it considers, appropriate decisions are taken on the items of the agenda passed by the Academic Council.

6.5.1.4. Anti-Ragging Cell & Disciplinary committee

In pursuance to the Judgment of the Hon'ble Supreme Court of India dated 08.05.2009 in Civil Appeal No. 887/2009, the University Grants Commission has framed "UGC Regulations on curbing the menace of ragging in higher educational institutions, 2009" which have been notified on 4th July, 2009 in the Gazette of India. Does the College follow this regulation and subsequent guidelines issued in the matter in letter and spirit? Give details.

In pursuance to the Judgment of the Hon'ble Supreme Court of India dated 08.05.2009 in Civil Appeal No. 887/2009, University has established a strong anti-ragging cell with Dean Students' Welfare as Chairman and senior members of faculty to curb the menace of ragging related issues of the newly admitted undergraduate students. The contact information of the committee members is displayed in the campus for easy access of new entrants. Anti-ragging messages and slogans are also displayed in the campus.

A. Anti-Ragging Cell and Disciplinary Committee:

S.No.	Name and Designation	Contact No.
1.	Dr. Ratan Prakash Singh, Dean Students' Welfare, Chairman	9415737364
2.	Dr. Dharm Raj Singh Dean/Chief Warden, Member	9450340135
3.	Dr. P.K. Upadhyay, Professor, Member	9450344489
4.	Dr. P.K. Rathi, Associate Director Ext., Member	9140953889
5.	Dr. Birendra Kumar, Asstt. Professor, Member	9569544108
6.	Dr. Y.K. Singh, Asstt. Professor, Member	9451169013
7.	Dr. C.B. Singh Gangwar Member	8840470158
8.	Dr. Mithlesh Verma Member	7054133396

B. Anti-Ragging Squad:

Anti-Ragging squad has also been constituted to control the instances of ragging of the newly admitted undergraduate students.

S.No.	Name and Designation	Contact No.
1	Dr. R.P. Singh, Professor	9415737364
2	Dr. Munish Kumar, Professor	6306666450
3	Dr. Kaushal Kumar, Professor	9450159644
4	Dr. Sarvesh Kumar, Professor	9935202988
5	Dr. U.D. Awasthi, Assistant Professor	9140750368
	DR. A. K.Singh, Assistant Professor	9450085315
7.	DR. S. C. Kushwaha, Assistant Professor	6387874514

6.5.1.5. Biological waste disposal facility:

Whether wastes (chemical, biological, radioactive, universal, and recyclable) are generated by a variety of research, clinical, service, maintenance, and cleaning operations at the College level? If yes, then mention the disposal mechanism being adopted as per the government guidelines.

The college is not dealing with radioactive material, hence not generating any radioactive waste. The college is also not generating any microbiological waste. The biological wastes (Crop Residues) are incorporated in the soil for decomposition in to manure. The other collected biological wastes like weeds are properly disposed of in pits prepared for this purpose.

6.5.1.6. Institutional Ethics Committee for Experiment on animals:

Whether the institute/College is following CPCSEA guidelines and constituted an Institutional Animal Ethics Committee (IAEC), get their animals house facilities inspected and get their project cleared by CPCSEA and IAEC before commencing them? The College should make statement that it is adhering all guidelines in the matter.

Institutional Ethics Committee for Experiment on animals:

As the College of Forestry belongs to plant sciences so it does not deal with the animal related experiments. Thus, there is no need of Institutional Ethics Committee.

6.5.1.7. Committee for Prevention of Sexual harassment of Woman at Work Places:

Does the institution is adhering the sexual harassment of women at workplace (Prevention, Prohibition and Redressal Act, 2013) in letter and spirit. Mention the constitution of sexual harassment committees and date of proceedings conducted in last five years in tabular form.

Committee for Prevention of Sexual harassment of Woman at Work Places:

As per UGC regulations-2015 on "Prevention, Prohibition and Redressal of Sexual Harassment of women employees and students" University has constituted a committee on January 2016 for this purpose. The committee consisting of the following.

S. No.	Name & Designation	Post held
1.	*Dr. NeelimaKunwar, Associate Professor*	Chairman
2.	*Dr. MithleshVerma, Asstt. Professor*	Member
3.	*Dr. Asha Yadav, SMS*	Member
4.	*Dr. Nalini Tiwari, Asstt. Professor* (Linseed Breeder)	Member
5.	Dr. Seema Sonkar, Asstt. Professor	Member
6.	Dr. Shweta, Asstt. Professor	Member

Detail of the meetings conducted during the last Five years

S.N	Date of meetings	No. of participants	Remarks
1	22/01/2016	6	Two cases has come under the notice of the committee.
2	02/09/2016	7	-
3	11/09/2019	7	-
4	25/09/2019	7	-
5	11/10/2019	7	Since, No matter took place, hence meeting was ended with thanks to the chair

6.5.2.1. Faculty Strength:

Mention the Faculty position (both in sanctioned and in-position) at the College.

Faculty at college of Forestry

S.N0.	Post	No. of sanctioned Post	In-Position	Vacant	Faculty recommended by the ICAR
1.	Professor	00	02	00	
2	Associate Professor	00	02	00	
3	Assistant Professor	00	02	00	
4	Teaching Associate	-	06		

6.5.2.2. Faculty Profile (Department wise)

Mention department wise faculty profile in tabular form and mention whether present profile is sufficient to meet the academic requirement of the College.

S.No.	Name of Teacher	Designation
Department of Silviculture and Agroforestry		
1	Dr. Munish Kumar	Professor
2	Dr. Kaushal Kumar	Professor
	Dr. Sarvesh Kumar	Professor
3	Dr. U.D. Awasthi	Asstt. Professor
4	Dr. P.K. Mishra	Teaching Assoc.
Department of Forest Products and Utilization		
1	Dr. Kaushal Kumar	Professor
2	Dr. U.D. Awasthi	Asstt. Professor
3	Dr. Vipin Kumar	Teaching Assoc.
Department of Forest Biology and Tree Improvement		
1	Dr. Mahek Singh	Professor
2	Dr. Sarvesh Kumar	Professor
3	Dr. Harish Chandra	Asstt. Professor
4	Dr. A.K.Singh	Asstt. Professor

1.	Dr. Smriti Mishra	Teaching Assoc.
Department of Natural Resource Management		
1	Dr. R.P. Singh	Professor
2	Dr. Munish Kumar	Professor
3	Dr. Kaushal Kumar	Professor
4	Dr. Sarvesh Kumar	Professor
5	Dr. U.D. Awasthi	Asstt. Professor
Department of Biotechnology and Crop Improvement		
1	Dr. Lallu Singh	Professor
2	Dr. Nand Kumar	Asstt. Professor
3	Dr. R.K. Gautam	Asstt. Professor
4	Dr. Smriti Mishra	Teaching Assoc.
Department of Basic Science (English, Computer Science and Statistics)		
1	Dr. R.K. Singh	Assoc. Professor (Math)
2	Dr. Anjani Singh	Asstt. Professor (Statistics)
3	Dr. Deep SikhaBhargav	Teaching Associate (English)
4	Dr. Shushma Singh	Teaching Associate (Computer Science)
5	Dr. Anshu Singh	ABM

6.5.2.3. Credentials of the Faculty

Whether the institution has employed competent faculty members qualified to accomplish the mission and goals of the institution? Give the highest qualification received by each faculty, related work experiences in the field, professional licensure and certifications, honours and awards, continuous documented excellence in teaching, or other demonstrated competencies and achievements that contribute to effective teaching and student learning outcomes.

The faculty available are well competent and qualified to accomplish the mission and goals of institution, however to strengthen the teaching, research and extension, the vacant positions are in the process of recruitment. The credentials of the faculties are given in the tabular form below:

S. No.	Name& Designation	Experience in Teaching, Research and Extension	Specializ ation
1.	Dr. R. P. Singh, Professor & Head	➢ Having 30 years' experience of teaching, research and extension. ➢ He has been associated with teaching in deptt. of Soil conservation & water management and College of Forestry ➢ Published more than 25 research paper in national and international journal of repute and several popular articles too. ➢ He is recipient of several awards among them best scientist awards and best programme manage awards conferred on him. ➢ He has also been engaged in different administrative assignment like HOD, Security Officer and Dean Student Welfare.	SCWM

2.	Dr. Munish Kumar, Professor	➢ Having 30 years' experience in teaching, research and extension. ➢ He has been associated with teaching in deptt. of Soil conservation & water management and College of Forestry. ➢ Published more than 55 research papers in national and international journal of repute, published 4 books and more than 55 popular articles ➢ He is recipient of several national and state level awards. He has also been engaged in different and social administration. Assignment like DAM and HOD.	SCWM
3.	Dr. Kaushal Kumar, Professor	➢ Having 20 years' experience in teaching, research and extension. ➢ He has been associated in teaching of deptt. Soil conservation and water management and college of Forestry. ➢ Published more than 47 research papers in national and international journal of repute, published 4 books and more than 48 popular articles ➢ He is recipient of several national and state level awards among them best scientist awards. He also engaged in different student welfare activities, administrative assignment and farmers oriented income generation activities. ➢ Also work as Warden, Programme Officer and Coordinator of National Service Scheme and Associate Dean, Student Welfare ➢ Work as Principal Investigator of four ad-hoc research projects	SCWM
4.	Dr. Sarvesh Kumar, Professor	➢ Having 20 years' experience of teaching, research and extension. ➢ He has been associated in teaching of Department of Soil Conservation &Water Management and college of Forestry ➢ Published more than 30 research papers in national and international journal of repute, published one book, one book chapter, and more than 35 popular articles ➢ He has guided 30, M.Sc. (Ag) Students as Guide/Co- advisor and five Ph.D. students as Guide/Co-advisor. ➢ He has recipient of several national and state level awards among them Excellence in teaching award. ➢ He has developed technology of Willow tree cultivation adapted in climatic condition of U.P. as well as developed an agroforestry model with willow tree for sustainable Agriculture. ➢ He has also been engaged in different student welfare activities, administrative assignments and income oriented farmer's activities.	SCWM

		➤ Work as Principal Investigator of two ad-hoc research projects ➤ Administrative assignment like NCC Officer teaching In-charge, Warden and In-charge Research /Experiments.	
5.	Dr. U.D. Awasthi, Assistant Professor	➤ Having 21 years' experience teaching, research and extension. ➤ He has been associated with teaching in Soil conservation and water management/ Forestry ➤ Published more than 40 research paper in national and international repute journal and several popular articles and 4 books. ➤ He is recipient of several awards among them best scientist awards and best programme manage awards conferred on him. ➤ He also engaged in administrative assignment like Departmental Store.	SCWM
6.	Dr. C.P. Sachan, Professor	➤ Having 33 years' experience in teaching, research and extension. He has been associated with teaching in seed science and technology, genetics & plant breeding, agriculture biotechnology, forestry and horticulture. ➤ He is recipient of several awards among them best scientist awards and best programme manage awards conferred on him. ➤ He has published more than 35 research papers in journal of National and International repute, published two books, two book chapters and 80 articles.	SST
7.	Dr. Mahek Singh, Professor	➤ Having 30 years' experience teaching, research and extension. ➤ He has been associated with teaching in Genetics and Plant Breeding / Forestry ➤ Published more than 25 research paper in national and international repute journal and several popular articles ➤ He is recipient of several awards among them best scientist awards and best programme manage awards conferred on him. ➤ He also engaged in different administrative assignment like HOD and In-charge Paddy Scheme Non Plan and AICRIP on rapeseed and mustard.	GPB
8.	Dr. Lallu Singh Professor	➤ Having 34 years' experience teaching, research and extension. ➤ He has been associated with teaching in Agriculture Bio Chemistry / Forestry ➤ Published more than 34 research paper in national and international repute journal and several popular articles along with one book and 4 Practical Manuals. ➤ He is recipient of several awards among them best scientist awards and best programme manage awards conferred on him.	ABC

		➢ He also engaged in different administrative assignment like HOD.	
9.	Dr. M. Z. Siddique Professor	➢ Having 25 years' experience teaching, research and extension. ➢ He has been associated with teaching in Agronomy / Forestry ➢ Published more than 24 research paper in national and international repute journal and several popular articles along with one book and 3 Practical Manuals. ➢ He is recipient of several awards among them best scientist awards and best programme manage awards conferred on him. ➢ He also engaged in different administrative assignment like Warden and Store In-charge.	AGR
10.	Dr. Ram Ji Gupta Professor	➢ Having 20 years' experience teaching, research and extension. ➢ He has been associated with teaching in Animal Husbandry and Dairy / Forestry ➢ Published more than 21 research paper in national and international repute journal and several popular articles along with 3 book and 3 Practical Manuals. ➢ He is recipient of several awards among them best scientist awards and best programme manage awards conferred on him. ➢ He also engaged in different administrative assignment like Warden and Store In charge.	AHD
11.	Dr. Naushad Khan Professor	➢ Having 19 years' experience teaching, research and extension. ➢ He has been associated with teaching in Agronomy / Forestry ➢ Published more than 14 research paper in national and international repute journal and several popular articles along with one book and 3 Practical Manuals. ➢ He is recipient of several awards among them best scientist awards and best programme manage awards conferred on him. ➢ He also engaged in different administrative assignment like Warden and PI ACRIP on Agromet	AGR
12.	Dr. Harish Chandra Assistant Professor	➢ Having 21 years' experience teaching, research and extension. ➢ He has been associated with teaching in Genetics and Plant Breeding / Forestry ➢ Published more than 24 research paper in national and international repute journal and several popular articles ➢ He is recipient of several awards among them best scientist awards and best programme manage awards conferred on him. ➢ He also engaged in several Projects.	GPB
13.	Dr. Geeta Rai,	➢ Having 21 years' experience teaching, research	GPB

	Assistant Professor	and extension. ➢ He has been associated with teaching in Genetics and Plant Breeding / Forestry ➢ Published more than 10 research paper in national and international repute journal and several popular articles ➢ He is recipient of several awards among them best scientist awards and best programme manage awards conferred on him. ➢ He also engaged in Research Projects.	
14.	Dr. NaliniTewari Assistant Professor	➢ Having 21 years' experience teaching, research and extension. ➢ He has been associated with teaching in Genetics and Plant Breeding / Forestry ➢ Published more than 10 research paper in national and international repute journal and several popular articles ➢ He is recipient of several awards among them best scientist awards and best programme manage awards conferred on him. ➢ He also engaged in Research Projects.	GPB
15.	Dr. C.B. Singh Assistant Professor	➢ Having 21 years' experience teaching, research and extension. ➢ He has been associated with teaching in Seed Science and Technology / Forestry ➢ Published more than 30 research paper in national and international repute journal and several popular articles ➢ He is recipient of several awards among them best scientist awards and best programme manage awards conferred on him. ➢ He also engaged in Research Projects.	SST
16.	Dr. Rakesh Babu Assistant Professor	➢ Having 21 years' experience teaching, research and extension. ➢ He has been associated with teaching in Agriculture Biochemistry / Forestry ➢ Published more than 15 research paper in national and international repute journal and several popular articles ➢ He is recipient of several awards among them best scientist awards and best programme manage awards conferred on him. ➢ He also engaged in administrative work like Hostel Warden.	ABC
17.	Dr. Nand Kumar Assistant Professor	➢ Having 21 years' experience teaching, research and extension. ➢ He has been associated with teaching in Agriculture Biochemistry / Forestry ➢ Published more than 15 research paper in national and international repute journal and several popular articles and one practical manuals. ➢ He is recipient of several awards among them best scientist awards and best programme	ABC

		manage awards conferred on him. ➢ He also engaged in administrative work like Hostel Warden.	
18.	Dr. R.S. Umrao Assistant Professor	➢ Having 21 years' experience teaching, research and extension. ➢ He has been associated with teaching in Agriculture Entomology / Forestry ➢ Published more than 05 research paper in national and international repute journal and several popular articles and one practical manuals. ➢ He is recipient of several awards among them best scientist awards and best programme manage awards conferred on him. ➢ He also engaged in administrative work like Hostel Warden and NCC Officer.	ENT
19.	Dr. R. K. Dwivedi Assistant Professor	➢ Having 21 years' experience teaching, research and extension. ➢ He has been associated with teaching in Agriculture Entomology / Forestry ➢ Published more than 15 research paper in national and international repute journal and several popular articles and one practical manuals. ➢ He is recipient of several awards among them best scientist awards and best programme manage awards conferred on him. ➢ He also engaged in administrative work like Games Councilor.	ENT
20.	Dr. KripaShanker Professor	➢ Having 41 years' experience teaching, research and extension. ➢ He has been associated with teaching in Agriculture Entomology / Forestry ➢ Published more than 25 research paper in national and international repute journal and several popular articles and one practical manuals. ➢ He is recipient of several awards among them best scientist awards and best programme manage awards conferred on him. ➢ He also engaged in administrative work like Registrar and E&AO.	ENT
21.	Dr. Rakesh Kumar Assistant Professor Singh	➢ Having 21 years' experience teaching, research and extension. ➢ He has been associated with teaching in Agriculture Economics and Statistics / Forestry ➢ Published more than 5 research paper in national and international repute journal and several popular articles and one practical manuals. ➢ He is recipient of several awards among them best scientist awards and best programme manage awards conferred on him.	AES
22.	Dr. A. K. Singh Assistant	➢ Having 21 years' experience teaching, research and extension.	AES

	Professor	➢ He has been associated with teaching in Agriculture Economics and Statistics / Forestry ➢ Published more than 15 research paper in national and international repute journal and several popular articles and one practical manuals. ➢ He is recipient of several awards among them best scientist awards and best programme manage awards conferred on him. ➢ He also engaged in administrative work like Hostel Warden and RAWE work.	
23.	Dr. A.K. Singh Assistant Professor	➢ Having 21 years' experience teaching, research and extension. ➢ He has been associated with teaching in Agriculture Extension / Forestry ➢ Published more than 15 research paper in national and international repute journal and several popular articles and one practical manuals. ➢ He is recipient of several awards among them best scientist awards and best programme manage awards conferred on him. ➢ He also engaged in administrative work like Hostel Warden and RAWE work.	EXT
24.	Dr. O.P. Yadav Assistant Professor	➢ Having 21 years' experience teaching, research and extension. ➢ He has been associated with teaching in Agriculture Extension / Forestry ➢ Published more than 5 research paper in national and international repute journal and several popular articles and one practical manuals. ➢ He is recipient of several awards among them best scientist awards and best programme manage awards conferred on him. ➢ He also engaged in administrative work like Hostel Warden and RAWE work.	EXT
25.	Dr. S.P. Kushwaha Assistant Professor	➢ Having 21 years' experience teaching, research and extension. ➢ He has been associated with teaching in Crop Physiology / Forestry ➢ Published more than 3 research paper in national and international repute journal and several popular articles and one practical manuals. ➢ He is recipient of several awards among them best scientist awards and best programme manage awards conferred on him. ➢ He also engaged in administrative work like Hostel Warden.	PPY
26.	Dr.D.K. Tripathi Assistant Professor	➢ Having 21 years' experience teaching, research and extension. ➢ He has been associated with teaching in Crop Physiology / Forestry ➢ Published more than 7 research paper in national and international repute journal and several	PPY

		popular articles and one practical manuals.	
		➤ He is recipient of several awards among them best scientist awards and best programme manage awards conferred on him.	
		➤ He also engaged in administrative work like Hostel Warden.	
27.	Dr. R.K. Pathak Assistant Professor	➤ Having 21 years' experience teaching, research and extension.	
		➤ He has been associated with teaching in Soil Science Agricultural Chemistry / Forestry	
		➤ Published more than 20 research paper in national and international repute journal and several popular articles and 4 practical manuals.	
		➤ He is recipient of several awards among them best scientist awards and best programme manage awards conferred on him.	
		➤ He also engaged in administrative work like NSS Officer.	
28.	Dr. P.K. Mishra Teaching Associate (Silviculture & Agroforestry)	➤ Having 10 years' experience teaching.	Forestry
		➤ He has been associated with teaching of Forestry.	
		➤ Published more than 06 research paper in national and international repute journal and 06 popular articles and 1 practical manuals.	
29.	Dr. Smriti Mishra Teaching Associate (Forest Botany & Tree improvement)	➤ Having 11 years' experience Research / teaching.	Forestry
		➤ He has been associated with teaching of various courses of Forestry.	
		➤ Published more than 11 research paper in national and international repute journal.	
30.	Dr. Vipin Kumar Teaching Associate (Wood Product & Utilization)	➤ Having 5 years' experience Research / teaching.	Forestry
		➤ He has been associated with teaching of various courses of Forestry.	
		➤ Published more than 02 research paper in national and international repute journal.	
31.	Dr. Deep Sikha Teaching Associate (English) Bhargav	➤ Having 05 years' experience Research / teaching.	English
		➤ He has been associated with teaching of English and Communication Skill.	
32.	Dr. Shushma Singh Teaching Associate (Computer Science)	➤ Having 05 years' experience Research / teaching.	Computer
		➤ He has been associated with teaching of Computer and Related courses.	

6.5.2.4.   Technical and Supporting staff:

Whether the College has appointed (in place) sufficient technical/laboratory/farm staff to cater the need of practical and field experiments. Mention department wise distribution
Of technical, supporting and field staff in the tabular form.

Technical and Supporting Staff Available:

S.N.	Post(s)	No. of Sanctioned Post	In-Position	Vacant
Dean Office and Establishment				
1.	Personal Assistant	00	01	00
2.	Computer Operator	00	01	00
3.	Field cum Lab Assistant	00	02	00
4.	Office Assistant	00	03	00
5.	Class-IV			
6.	Driver	00	01	00
Staff at College Level for all department				
7.	Assistant Registrar	01	01	00
8.	Assistant Engineer	01	01	00
9.	Assistant Comptroller	01	01	00
10	Medical Officer	01	01*	00
11.	Assistant Account Officer	01	01	00
12.	Compounder	02	01	01
13.	Pharmacist	01	01	00
14.	Dresser	01	01	00
15.	Mid-wife	01	00	01
16.	Librarian	01	01	00
17	Book Binder	01	01	00
18	Book Shorter	02	01	01
19.	Cataloger	01	01	00
20	Sports Councilor	01	01	00
21	Yoga Councilor	00	01	00
22	Plumber	01	01	00
23.	Electrician	01	01	00
24	Watch-Man	00	04	00
25	Carpenter	00	02	00

6.5.3. Learning resources:

Learning resources are texts, videos, software, and other ICT enabled materials that teachers use to assist students to meet the expectations for learning defined by ICAR recommended curricula. Information on the following shall be submitted.

The department is fully equipped with digital classroom facilities since 2015-16 for U.G. Students through power point presentation and by internet facilities. Technology enabled learning resources have been embedded in imparting quality education in the college. The main aim of technology-enabled learning is to emphasize the accessibility to quality teaching and learning with the help of the innovative application of information and communication technologies (ICTs). Use of ICT tools provided a transformative effect on teaching and learning by focusing on Policy/Technology-Capacity as a triangle and to base practice on research evidence.

The Technology-Enabled Learning was emphasized on the following initiatives:

- Development and implementation of the ICT tools and techniques in education and open educational resources (OER) policies to strengthen policy implementation ·
- Supporting innovative researches on technology-enabled learning for evidence-based advocacy and decision making ·
- Helping the institution to use technology-enabled learning for the extension program delivery ·
- Promoting the use of open source technologies and OER for skills development.

The success of online or blended learning delivery is, to a large extent, dependent on the knowledge, expertise, support and leadership available in the transition to this new way of learning. In addition, quality teaching is a long-standing challenge in higher education where faculties are not so qualified to teach. In order to use online and blended learning but maintain or enhance quality teaching, more work to identify, disseminate, and implement best practices is required. Other important technology enabled learning tools invariably followed in the University are Video based learning, Mobile learning, Tablets, Learning Apps and Micro-learning etc.

6.5.3.1 College Library (digital):

Mention the information about location of the library, present staff position (in place) and availability of Wi-Fi, sufficient books and other reading materials, periodicals and research journals, internet with sufficient number of computers, seating capacity, employing the latest technology in library sciences, stocking arrangements, collection of volumes on different subjects, latest publications in the fields of relevant subjects, automation and user services through computer, opening hours, subscription of journals of national and international repute, national dailies, magazines etc.

C.S. Azad University of Agriculture & Technology, Kanpur have Central Library with huge quantity of books, periodicals, journals, magazines, current affairs and some journals are also available online. A book club is readable also available within the departments having books. The Library is one of the most important center of the University, which facilitates the teaching, research and extension programmes. Both the faculty and students extensively use this facility. The Chandra Shekhar Azad University of Agriculture & Technology, Kanpur has, therefore, given key prominence to the development of the library facilities at the headquarters as well as at the constituent colleges and research campuses.

The Library was established in 1906 as a part of the Agricultural School Library. A magnificent building was constructed for the Library. After the school was upgraded as the Government Agricultural College, Kanpur the library was further developed and strengthened. The library served the college of the Agriculture from 1928-1969 and later on UPIAS from 1969- 1975. Later on it was renamed as Institute of Agricultural Sciences finally, it was elevated to the status of Central Library in 1975. The Central Library continued in its building till 1984 as a part of CSAUA&T. The Central Library was shifted to a newly constructed building adjoining its original building, (which is now used as office of the Registrar). Books, periodicals, theses, reports, maps and encyclopedia relevant to the mandate areas of the university have been stocked in the University Library and its constituent centres.

Thus, the Library is an oldest establishment, having 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 and also help full in updating the knowledge 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.

During the last decade, efforts have been made to keep abreast of information technology and introduce modern systems of library management and service. Thus, several journals that were hitherto obtained as "hard copies" have been discontinued in favour of the CD-ROM version of the journals. This has facilitated a tremendous improvement in the usage of the library for reference purposes especially by the research students and staff. Despite these initiatives, there is a genuine feeling that the University Library can further enhance its role in serving the needs of its users.

The University has been brain storming this with much concern and hopes to reach a solution to circumvent this problem. Inter-University Library linkage is one of the approaches that is being actively pursued to enhance the literature coverage for the leaders. For the first time biometric machine has also been installed in the library for the employees working there.

In addition a large number of bound volumes of periodicals, pamphlets, reports, theses, maps and micro-films, CD ROM etc. are also available. The information provided gives a comprehensive picture of different kinds of documents available in the Library. Further, the subject-wise distribution of bound volumes of books and journals are shown in Figure.

Subject-Wise Distribution

Sl. No.	Resources	Total
1.	Books	43513
2.	E-books	31
3.	Print Journals	27208
4.	Thesis and Reference Books	6500
5.	Newspapers and Magazines	34
6.	CD-ROM/DVDs	100
7.	Library Automation Software	SOFTGRANTH

34 — 100
6500
27208
43513
31

■ Books
■ E-books
■ Print Journals
■ Thesis and Reference Books

Documents in Central Library
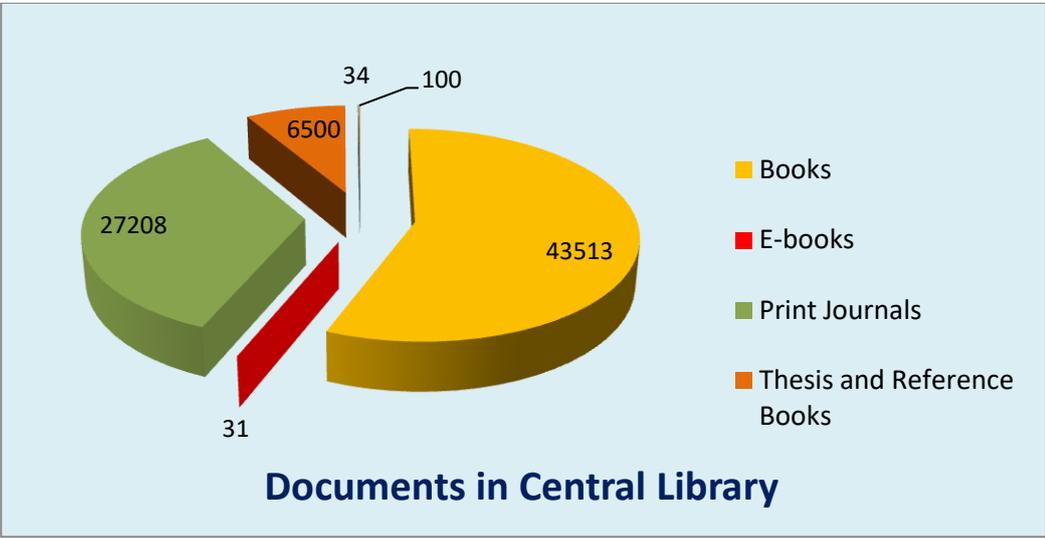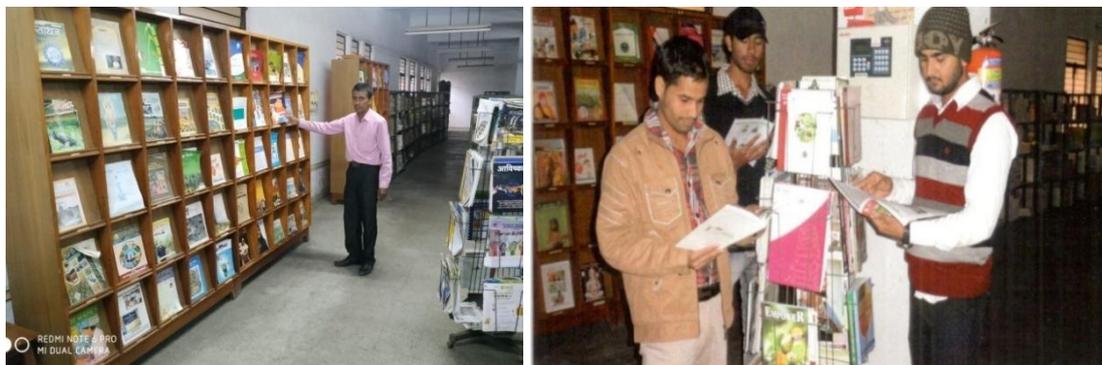
Central Library of the University

6.5.3.2. Laboratories, Instructional farms, Workshops and Ponds etc.

Cleary mention about laboratories, instructional farm, workshops, dairy plant, veterinary clinic, hatchery, ponds etc. facilities available in the College with its numbers, space, and specialty to conduct practical/hands on training.

Laboratories, Instructional farms, workshops etc. Available in the College:

The main building of College of Forestry was constructed with ground and first floor with sufficient no. of laboratories, committee rooms and class rooms.

List of Equipment's for Forestry:

S.No.	Particulars	Facilities/ Equipment's
A. Laboratories		
1	Silviculture and Agroforestry	Abney's Level, Haga Altimeter, Binocular , Air Conditioners, Lab Oil Extraction Unit, Seed Display units (single cavity), Tree Calipers, Verniercalliper (manual), Wedge prisms, Heating mantle, Weighing scale, Hot air oven (digital),Refrigerator, Precision weighing balance, Seed germinator, Hot air seed dryer/ drying unit, Water bath, Shaker, Power tiller
2	Forest Products and Utilization	Essential oil hydro distillation field unit
3	Survey Lab	IOP Level, Dumpy Level, Leveling Staff Chain, Tape Offset Rod, Pentagraph, Prismatic compass, Magnetic Compass, Plane Table, Alidade, Plum bob, Abney level,
4.	Extraction of oil from medicinal and aromatic plants	Distillation Plant
B. Farm Facilities: Area 5.0 ha., Tractor, Trolley, Disc plough, Disc harrow, Cultivators, Sprayers, threshing floor, Farm Store		
I. **Hi-tech Nursery:** 1 ha. area Poly house, Shade house, Mist Chamber, Pump house		
II. **Herbal Garden:** 0.5 ha. Area Poly house, Shade house, Pump house, 111 bed with medicinal and aromatic plants		
C. Workshop: Not Available		

6.5.3.3 Student READY/In-Plant Training/ Internship/ Experiential Learning Programmes:

Clearly mention about the implementation of Student READY/ In-plant training/ Internship/Experiential Learning programmes and learning outcomes as per the guidelines of ICAR. Profit sharing mechanism (amount) shall be mentioned for each ELP unit sanctioned by the ICAR for the college.

Student participation under RAWE prograaame	*Orientation programme under RAWE prograaame*

Student READY-FOWE (RAWE)/In-Plant Training / Internship/Experiential Learning Programme:

Student FOWE programme was implemented for the batch started in 2015-16. This programme was taken up during the VII semester for duration of 24 weeks of 20 credit hours. The programme includes orientation, village stay, all India as well as state study tour, industrial placement programme, report writing and final examination.

Different Activities Performed by Students during Village Attachment:

1. PRA survey of the villages for selection of Host farmers
2. Collected data on socio-economic condition, population, cropping pattern, irrigation facilities, resources available, labour, employment etc.
3. Farm plans activity includes family system approach for the host farmer and village in consultation with local research/ extension scientists of the University for reorganization of farm business for higher income and sustainable production
4. Identified Forest/ Social Forestry problems of the village.
5. Conducted method demonstrations and result demonstration
6. Performed field visit and group discussion with farmers on need based Forest/ Social Forestry issues
7. Identified on-going Forest/ Social Forestry programmes in the village and assess their impact.
8. Visited local institutions to study their role in development programmes.
9. Students created awareness regarding the role of mass media in transfer of technology with the help of University scientist
10. Participated in village social work - conduct survey on youth problems, initiated youth clubs, worked with youth and involved themselves in youth specific work.
11. Prepared report

In plant training/ Agro-Industrial Attachment:

To enrich the practical knowledge of the students, in-plant training was imparted under FOWE programme. Students studied problems in industrial perspective (Timber Industry) and

submitted reports to the university. Such trainings provided an industrial exposure to the students as well as to develop their skills which would help them in building their career in the high tech industrial requirements. Apart from above mentioned activities students also visited Zoo, Forest Depot., FRI Kanpur and FFDC, Kannauj and acquired recent know how concerned with forest and social forestry aspects.

S. No.	Years	Particulars	Placed at	No. of Students
1	2015-16	Rural Area/Agro Industrial Attachment (AIA)	Different Villages of Kannauj Distt.(KVK)	24
2.	2016-17	Rural Area/(AIA)	Different Villages of Kannauj Dist.(KVK)	26
3.	2017-18	Rural Area/(AIA)	Different Villages of Kannauj Dist.(KVK)	16
4.	2018-19	Rural Area/(AIA)	Different Villages of Kannauj Dist.(KVK)	26
5.	2019-20	Rural Area/(AIA)	Different Villages of Kannauj Dist.(KVK)	29
✓	**State study tour conducted : 25-26, July 2019**			
✓	**All India study tour conducted : 1-6, March 2020**			

State Study Tour

Study Tour of State Forest was undertaken by B.Sc. (Hon.) Forestry IV semester students during 25-26 July, 2019.The students visited Institutes like Forest Research Institute (FRI), Kanpur IGFRI, Jhanshi, RLB Central Agricultural University Jhansi, NRCAF, Jhansi, Horticulture Research Centre BaruaSagar (M.P.)

State level study tour B.Sc. (Hon.) Forestry IV semester students during
25-26 July, 2019

State level study tour B.Sc. (Hon.) Forestry IV semester students during
25-26 July, 2019

State level study tour B.Sc. (Hon.) Forestry IV semester students during
25-26 July, 2019

All India Study Tour

The All India Educational Tour was organized by University as a part of academic curriculum from 01/03/2020 to 06/03/2020 Under this program, the students of B.Sc. (Hons) Forestry 4 year comprised of 29 students visited IIFM Bhopal, TFRI, JNKV, Jabalpur, Gramodaya University, Chitrakoot, ICAR-IASWC (RRS) Datia (M.P.)

All India study tour B.Sc. (Hon.) Forestry final year students during
01/03/2020 to 06/03/2020

All India study tour B.Sc. (Hon.) Forestry final year students during
01/03/2020 to 06/03/2020

Student's activities during In-plant training/Agro-Industrial attachment:
1. Get an idea or aspects of entrepreneurship during the programme period.
2. Familiarize with the industrial environment.
3. Learned different mechanism of industrial working system.
4. Understand scope, functions and job responsibilities in various departments of an organization.
5. Students were also attached with Krishi Vigyan Kendra, Kannauj to get hands on practice on field activity/ Plantation under social forestry, which helped them in preparing crop cafeteria by making the layout of the plot and cultivated Social Forestry/ horticultural crops. Students interacted with farmers of Kannauj district and collected the information of social forestry/horticultural practices performed by them on their field, techniques used etc.

Student's activities during In-plant training/Agro-Industrial attachment at F & F D Centre, Kannauj and KVK, Kannauj

Student's activities during In-plant training/Agro-Industrial attachment at Zoo, Kanpur

6.5.3.4. Curricula Delivery through IT (smart class rooms/interactive board etc.):

Whether the College is using smart class rooms/interactive board etc. for teaching and practical. Number of class rooms upgraded as smart class rooms should be mentioned.

ICT Application in Curricula Delivery:

The University has created a ICT infrastructure to facilitate high quality teaching and research. These include LAN based network, Wi-Fi connectivity, 1000 Mbps link connects the whole campus. Most of the classrooms are equipped with audiovisual systems with LCD projectors in addition to conventional methods of teaching.

The smart classrooms is also available to facilitate teachers and students to access the internet for a blended teaching-learning process Knowledge Gateway (In-house, Subscribed and Open Access Resources) · In addition, the College have one smart classroom and four laboratories with all required facilities for undergraduate students. The 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. Two libraries have developed an integrated reading space that facilitates print and online access. Beside it, The university has setup centralized computer lab and an agricultural knowledge Management Unit (AKMU) from financial support of ICAR, which is equipped with ICT facilities that is highly beneficial for good governance and providing facility to support university education system .

Smart Class Room

6.5.4. Student Development:

Student Development at the College directs its educational efforts at fostering the intellect and character of students by integrating in-class and co-curricular experiences. To accomplish this, the College provides a wide range of educational experiences through programs and activities that complement and support the academic experience in the classroom.

6.5.4.1. Student intake and attrition

The information about student intake and attrition, for the College as a whole but separated in UG, PG and PhD categories shall be provided in tabular form for last five years.

Student intake and attrition in the programmes for last five years
 Undergraduate (UG) programme:

Students are admitted through CATET entrance examination organized by any one SAU in rotational system.   Beside it This has helped in building the University of National importance, The intake capacity and number of students admitted during the different academic sessions since inception through CATET Entrance Examination for UG programs is given below:

Year wise information on sanctioned strength, actual intake and attrition in the last five years of the Degree Programme, in the tabular form, shall be provided.

Name of the Degree Programme	Actual student admitted in last five years					Attrition (%)				
	Y1	**Y2**	**Y3**	**Y4**	**Y5 (Current Year)**	**Y1**	**Y2**	**Y3**	**Y4**	**Y5 (Current Year)**
	2015-16	2016-17	2017-18	2018-19	2019-20	2015-16	2016-17	2017-18	2018-19	2019-20
B.Sc.(Hons.) Forestry	26	28	17	26	30	7.69	7.14	5.88	00.00	3.33

6.5.4.2. Number of Students in Theory and Practical Classes:

Mention the Degree Programme-wise number of students sitting in a class for theory and practical, separately in tabular form.

The students of B.Sc.(Hon.) Forestry are separately sitting of class rooms as per their offered semesters. Only one batch each of B.Sc.(Hon.) Forestry are engaged for their practicals and respective experiential learning programmes of students are being conducted under strict supervision of their Instructor.

S. No.	Name of the Degree Programme	Year wise Total intake	Batch of students in theory class	Batch of students in practical class
1	B.Sc. (Hon.) Forestry	2015-16	One Batch of 26 Students	Two Batch of 13 Students
		2016-17	One Batch of 28 Students	Two Batch of 14 Students
		2017-18	One Batch of 17 Students	One Batch of 17 Students
		2018-19	One Batch of 26 Students	Two Batch of 13 Students
		2019-20	One Batch of 30 Students	Two Batch of 15 Students

6.5.4.3. Admission Process:

Clearly give complete mechanism of admission for UG, PG and programmes, fee payment mechanism, registration procedure, academic schedule publication at the start of the semester etc. Write information in one page only.

The admission of students is governed as per the eligibility requirement prescribed by UPCATET Examination for all Bachelors' degree programmes offered by the University. Candidates seeking admission to various UG degree programmes of the University must have passed any one of the qualifying examinations enumerated below securing not less than 50% marks in aggregate for general, OBC and UPS categories and 40% marks for SC/ST and Physically Challenged categories. The selection of candidates for admission is made in all UG programmes through UPCATET entrance test conducted

by the university (to whom this responsibility is assigned by state Govt.)on the basis of merit of marks and keeping in view the reservation policies of State Government. admission The total intake of students at undergraduate level is through state level competitive examination,(UPCATET) for UG programs.

Intake capacity and number of students registered in undergraduate programme:

Particular of Examination For Under Graduate Admission in Forestry
Qualifying Examination: (10+2) in Agriculture /(PCB)/ (PCM)/ (PCMB)
Entrance Examination: UPCATET for UG Programme of Forestry

Incidence-if two or more candidates securing equal marks:
1. **PCB:** In the event of two or more candidates securing equal marks, the merit is decided on the basis of marks secured in the Biology (D), Chemistry(C), Physics (B) and then qualifying examination.
2. **PCM:** In the event of two or more candidates securing equal marks, the merit is decided on the basis of marks secured in the Mathematics (D), Physics (B), Chemistry (C) and then qualifying examination.
3. **PAG:** In the event of two or more candidates securing equal marks, the merit is decided on the basis of marks secured in the Agriculture Group (D), Zoology and Botany(C), Physics and Chemistry (B) and then qualifying examination.

The date of admission to a Bachelor's degree programme is as per the announcement made in the Prospectus/Academic Calendar/Semester Calendar and notified by the Registrar of the University.

Registration consists of the following steps:
1. Payment of the University fees and other dues and submission of no dues certificate from all concerned.
2. An Orientation Programme is organized in the College for the benefit of the newly admitted students immediately after the commencement of the semester. The registration of continuing students'are not permitted beyond 10 working days from the scheduled date of registration in each semester unless allowed by the Vice-Chancellor with the late registration fee mentioned in UG Academic Regulation No student is permitted to register after expiry the periods from the date of registration under any circumstances.

Reservations and relaxations/Weightage:

The allocation of the University, Programme and Discipline to a successful candidate is made on merit-cum-reservation-cum-choice available at the time of counselling. The choice once exercised is treated as final and no change is allowed thereafter in this respect, even if vacant seats exist in any other University at a later stage.

Table: Reservation to different categories:

S. No.	Vertical Reservation (Main category)		S. No.	Horizontal Reservation (Sub-category) In every main category, reservation to following sub-category as given below will be applied	
1.	Scheduled caste	21%	**1.**	Ward of Freedom Fighters (FF)	2%
2.	Scheduled Tribe	2%	**2.**	Physically handicapped (PH)	3%
3.	Unreserved	40%	**3.**	Ward of Defense Personnel (DP)	1%

4.	Other Backward caste	27%	4.	Ward of University Employees (UE) only in undergraduate programmes	10%
5.	EWS	10%			

Note:

1. Only one son or daughter of a University employee is allowed to avail of this relaxation in one academic year.
2. Criteria for a person to be treated as Defense Personnel will be as follows:
3. He/she should either be in active Army Service or a retired military personnel and be a bonafide resident of Uttar Pradesh;
4. Documentary evidence shall have to be produced in support of the above claim. Civilian employees of the Military Department shall not be eligible for this concession.
5. 15% seats at undergraduate and 25% seats at postgraduate level over and above will be filled through ICAR National level examination.
6. Minimum eligibility conditions may be relaxed by the Vice-Chancellor for such outside candidates from foreign countries, under developed States, NEC and Tribal areas as are sponsored by their respective government/ ICAR/NEC.
7. Admission to B.Sc. (Hon.) Forestry second semester in not permissible in any condition.

6.5.4.4. Conduct of Practical and Hands on Training:

It is important to have a sound grasp of the theory that underlies any professional degree. But there are some skills that can only be learned through hands-on -practice. It is important that much of the learning material in any given course should be provided in a way that allows students to get as involved as possible to increase their knowledge and abilities. Clearly mention how far students are getting desired practical and hands-on-training as per the curriculum and meeting above mentioned requirements.

The students are getting desired practical and hands-on-training as per the curriculum and meeting above mentioned requirements.

Conduct of Practical and Hands-on-Training:

Practicals for all courses are conducted in the laboratories or instructional farms as per the requirements of the degree. While conducting the Practicals first the students are instructed about the procedures and practices they have to follow, while accomplishing the exercise. Thereafter, the students are guided for hands on practice for doing the practical exercise at his/her own to build up confidence in the students for independent accomplishment of the exercise.

List of Practical Manuals Prepared in Forestry:

A total of 57 courses are being taught at undergraduate level in Forestry. In Forestry, 13Practical Manuals have been prepared out of total 57 courses. Remaining 50 Practical Manuals will be prepared during the next Academic Session 2021-22.
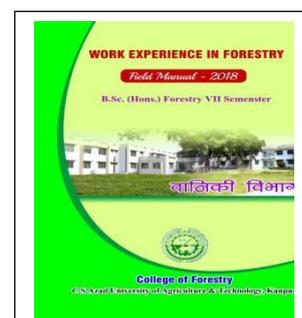
S. No.	Course Code	Title	Semester
B.Sc. (Hon) Forestry			
1.	SCW-401	Silviculture and Agroforestry	VIII
2.	SCW-201	Fundamentals of Soil water and Conservation Engineering	
3.	FBT–101	Forest Ecology, Bio-Diversity and Conservation	II
4.	SAF-101	Principles and Practices of Silviculture	II
5.	SA - 209	Forest Mensuration	III
6.	SAF-206	Nursery management	IV
7.	FRS-304	Plantation Forestry	V
8.	FPU -307	Medicinal and Aromatic Plants	IV
9.	NRM–05	Forest Management, Policy and Legislation	VI
10.	SAF–202	Agroforestry System and Management	VI
11.	FWE-401	Forestry Field manual	VII
12	FBT-204	Tree seed technology	III
13	FBT211	Tree improvement	III

View of the Practical Manuals

Hands-on training on nursery, propagation, Medicinal and aromatic plants processing, value addition, chemical analysis of soil samples, budding, grafting, quality seed production, seed grading, use of different types of sprayers for plant protection, farm machineries, water pumps, recording of weather variables, selfing, crossing practices in breeding programmes, post-harvest and products preparation, tree and log measurements, volume/mass estimation, agroforestry model, planation, orchard plan preparation and management.

6.5.4.5 Examination and Evaluation Process:

Undergraduate Examination System:

The examination system have combination of 50% internal and 50% external components. The weightage to theory and practical classes to be in the same proportion as theory and practical credits allotted to different courses. Total marks obtained for a course for practical and theory examination added and converted into percentage for working out the grade point. Keeping this in view, the schedule and weightage to different examinations as follows:

S. No	Particulars	Courses with Theory +practical	Courses with Only Theory	Courses with Only Practical
1	Midterm Exam	30	40	-
2	Assignments	5	10	-
3	Practical Exam	15	No Practical	100 (Internal)
4	End Term Examination	50	50	
	Total	**100**	**100**	

Question Pattern:

For theory examination (both mid-term and end-term examinations), the question paper

consists of 40% objective, and 60% descriptive questions.

Question Setting:

(i)   The internal examination take place , for the mid-term , practical and assignment

(ii) In external examination, paper to be set by external examiner at least 30 days before the commencement of the examination. HOD will ensure the coverage of syllabus . If needed moderation can be done.

(iii) The external question paper setter submits two independent sets of question papers for the end term theory examination covering the full course as per the syllabus Grade Point.

(iv) Ten point grading system being adopted with minimum Grade Point Average (GPA) of 5.00 for passing a subject and overall Grade Point Average (OGPA) of 5.50 for obtaining a degree. Marks secured by students in a course in theory and practical are multiplied by number of theory credit(s) and practical credit(s) of the course respectively and added together. This sum then is divided by the total credits (Theory + Practical) of the said course to get percentage of marks, which is divided by 10 to obtain Grade Point (GP).

Time and date for mid, practical and assignment:

Mid term examination is fixed by the course instructor during the regular class of the course. The practical examination are fixed by the HOD. The duration of Examination are as follows:

i.   Mid Term Examination - 1.00 Hours

ii.   End Term theory Examination - 3.00 Hours

iii. Practical Examination - 3.00 Hours

Evaluation of answer books:

 The answer books of the mid-term examination are evaluated by the course instructor (internal examiner) and marks obtained are sent to registrar through the Head of the Department within 15 days of conduct of the examination. The answer books of mid-term examination are shown to the students, who returns the same to the course instructor after signing the same.

Record of class attendance:

 Each Instructor shall maintain a record of the student's attendance in each course taught by him in each semester.

Minimum class attendance:

Each student shall 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 shall not be awarded grade in that course, unless withdrawal from the course is permitted.

        The percentage of attendance of a student in a course in a semester shall be computed on the basis of the total number of lectures, practicals and tutorials attended by him/her and those actually held between the date of commencement of instruction and the date of closing instruction, irrespective of the date of his/her registration and/or the duration of leave duly granted to him/her.

        The Dean, may on the recommendation of the instructor/advisor concerned, through the Head of the Department, condone shortage in attendance up to 5% in a course(s) in exceptional circumstances and allow students with an attendance of 75% or more to appear at the final examination. However, on the recommendation of the Dean, the Vice Chancellor

may grant a condo nation to the extent of 5% and allow students with an attendance of 70% or more to appear at the final examination. In a very exceptional case, if a student fails to secure even 70% attendance, his case can be referred to the Academic Council through Dean for condo nation to the extent of further 5% and allow students with an attendance of 65% or more.

NOTE 1:- In computation of percentage of attendance, fractions of 0.5 or above shall be counted as 1.

NOTE 2:- If student is called upon to repeat a course but he/she has already put in required attendance in that course on a previous occasion, above requirements of attendance will not apply in his/her case.

NOTE 3:- Whenever students resort to mass absence from classes, a fine of Rs. 15.00/ student/ day may be levied from all such students. All such students will have to pay this fine before the final examination of the next semester and failure to do so shall render them liable to be debarred from appearing in the examination.

Evaluation of Experiential Learning Programme/ HOT (Hand on Training)

Sl. No.	Parameters	Max. Marks
1.	Project Planning and Writing	10
2.	Presentation	10
3.	Regularity	10
4.	Monthly Assessment	10
5.	Output delivery	10
6.	Technical Skill Development	10
7.	Entrepreneurship Skills	10
8.	Business networking skills	10
9.	Report Writing Skills	10
10.	Final Presentation	10
	Total	100

Evaluation and Grading

Percentage of Marks Obtained	Conversion into Points
100	10 Points
90 to <100	9 to <10
80 to <90	8 to <9
70 to <80	7 to <8
60 to <70	6 to <7
50 to <60	5 to <6
<50 (Fail)	<5
e.g. 80.76	8.076
43.60	4.360
72.50 (but shortage in attendance)	Fail (1 point)
OGPA	**Division**
5.000 – 5.999	Pass
6.000 – 6.999	II division
7.000 – 7.999	I division
8.000 and above	I division with distinction

GPA   =   Total points scored / Total credits (for 1 semester)
CGPA = $\sum$ Total points scored / Course credits
OGPA = $\sum$ Total points scored (after excluding failure   points)/ Course credits
% of Marks = OGPA x 100/10

Scrutiny:

1. Scrutiny means totaling of marks and evaluation of questions left unmarked.
2. If any student desires scrutiny in any course, he shall be permitted to do so with a prescribed scrutiny fee per course.
3. He/she shall have to file an application on the prescribed form, which can be obtained from the office of the Registrar within a period of 7 days from the date of registration in the semester, failing which no such applications shall be entertained.
4. After having the approval of the Registrar, he/she will present the form to the instructor concerned.
5. The answer book shall be scrutinized by the instructor concerned in collaboration with Head of the Department.
6. The result of scrutiny shall be intimated to the Registrar as soon as possible but in no case later than three weeks from the date of registration.
7. The result of the scrutiny shall be final.

Change of grade as a result of scrutiny: After the grade has been revised as a result of Scrutiny, the instructor will send the grade through his/her Head of the Department to the Registrar/ the Dean.

Use of unfair means (UFM):

(1) The terms "use of unfair means in the examination" or "attempt to use unfair means in the examination" shall denote the items prescribed by the Academic Council, through its resolution, from time to time. The following items are included in this category-

(a) Possession of any books, notes, chits, or such other material and also any notes or signs written on any part of the body, furniture or any other material pertaining to the subject matter of the examination in the examination hall during the examination hours.

(b) Talking, whispering or signaling in any form in the examination hall or outside the examination hall during the examination hours.

(c) Copying or allowing to copy.

(d) Any other activity, which may give undue advantage in the examination to any student.

(e) Any attempt to use any other means, which in the opinion of the Superintendent of examination may be considered to be unfair.

(2) **Unfair means in examination:** The Dean of the college in which the student is registered shall be responsible for dealing with all the cases of use of unfair means in the semester test and examinations. In this matter, a Committee consisting of the Dean and two Professors of the College shall assist the Dean. This Committee shall be constituted by Vice Chancellor every year in the beginning of the session. The committee shall take appropriate action after effecting full opportunity to the student for his defense and the penalty will be as indicated below:

(a) A student if found using unfair means during mid term examination, he will be awarded zero in mid term examination.

(b) A student found using unfair means during the final examination shall be punished as

under-

(i) If the material found with the student is related with the course and the student has not used it, he would be awarded 'F' grade in that course.

(ii) If the student has used the material found with the student he will be awarded 'F' grade in all the courses in that semester.

(iii) A student found to appear in the examination in place of another student would be treated under unfair means. Such students will be summarily expelled from the University.

(c) If a student repeats the offence more than twice, during a particular degree programme, he will be disqualified for being a student in this University and shall be immediately removed from College.

(3) The instructor/ invigilators concerned shall report to the Dean through the Head of the Department/ Superintendent Examinations on the day of occurrence of cases of unfair means with full details of the evidence and/ or exhibits. An explanation of the student concerned, if possible, shall also be submitted.

Repetitions of courses:

a) If a student secures 'F' grade, he shall have to repeat the course whenever the University offers it.

b) In case a student obtains 'F' grade in a course and repeats it, the grade secured by the student on repeating the course shall be reflected in the grade report.

c) If a student secures 'F' grade in a course and fulfills attendance requirement, he may be permitted by Dean to take re-examination of that course after six month in the semester in which the said course is being offered. However, the student shall submit his application for permission within a month from the date of registration with prescribed fee.

d) Just after announcement of results, the Registrar will communicate the list of students, who have obtained 'F' the University is offering grade in the course. The Dean will notify that such students have to appear in first offered opportunity by the University. Even after notification of a student fails to appear in the first offered opportunity he/she will loose one chance of repeat.

Students' Discipline &Hostel Regulations
Regulations for students' discipline:

1. Every student shall assume a sense of responsibility to the ordinary rules of good conduct, to protect private and public property and to make most effective use of his/her time in securing education at the University.

2. No custom or regulation, which restricts or creates hindrance in making best use of students' time and talent towards University education, will be allowed to prevail.

3. The students are required to be regular and punctual at lectures and practical in each subject and will be granted leave at their own risk, as they are themselves responsible for completing the prescribed attendance in order to qualify for University examinations. However, if no leave application is received and the student remains absent for ten days or more continuously from class/hostel, admission/registration will be cancelled. The warden/ Head of Department shall report such cases to Dean/D.S.W.

4. Students shall not be eligible for appearing at the University examinations unless he/she has paid all the outstanding dues.

5. Person(s) cannot be invited to address or participating in any meetings within the University or hostel premises without the written permission of the Dean/ DSW.

6. Within the University and hostel premises, no collection of money for any fund or function shall be made, and any person or the student shall put no notice on the hostel notice board without obtaining permission from Dean of Faculty/ D.S.W. who for this purpose will constitute a committee under the control of a warden as convener. The organizing committee concerned shall maintain proper account of money collected and the same shall be submitted to the Dean of Faculty/ D.S.W. within 15 days after the function is over.

7. No student(s) shall be allowed to associate with or to attend any type of illegal activity and/or unauthorized meeting or society outside the campus or for collection of money for any such fund or functions without obtaining permission from Dean of Faculty/ D.S.W.

8. Students are strictly forbidden to resort to or instigate a strike, hunger strike, picketing, demonstrations including political demonstration, unlawful assemblies, unauthorized processions, shouting of objectionable slogans, carrying of placards within the campus, hostels or at residences of officers/ staffs.

9. Sticking of posters, distribution of handbills either within or outside the University/ College campus is forbidden unless the competent authority has granted permission.

10. It is compulsory for every student to obtain his identity card in the manner prescribed by the University. All students shall get their residential address recorded in the office of the Dean and shall notify any change of address, which may take place subsequent to the registration.

11. When a student has been found guilty of grave misconduct or of persistent idleness or of habitual breach of discipline within or outside the premises of the University, the Vice-chancellor on the advice of discipline committee may, according to the nature and gravity of the offence, summarily cancel the registration of a student during a semester/ session and may not permit the student to register for any number of subsequent semesters/ sessions.

12. Punishment awarded to students shall invariably be recorded in their personnel records for future reference and will be taken into consideration, if necessary, while awarding certificate of conduct on leaving the University.

13. Students are expected to maintain a high standard of discipline on the campus.

The following are the detailed outlines of student's indiscipline:
(i)   Disregard of college/hostel rules, orders & notices.
(ii) Disregard of orders and instructions of the member of college staff.
(iii) Noisy, boisterous, disorderly and obnoxious behavior with fellow students and staffs.
(iv) Ragging of junior students, which are strictly banned.
(v)   Irregular attendance and unauthorized absence from classes and hostels.
(vi) Lack of punctuality in attendance and in payment of college dues.
(vii) Recourse to unfair means in test and examination

14. Student(s) who has/have committed any act or indiscipline is liable to any one or more of the following punishments:
(i)   Warning.

(ii) Reduction/Cancellation of scholarship/stipend/ Any student who violates any regulation or otherwise indulges in any act of indiscipline as defined may be fined up to Rs. 100/- by the warden of the hostel if the warden is satisfied that the fine is adequate, punishment for the act of indiscipline.

(iii) Fine

(iv) Recovery in part or full of losses or damages to the college property or property of others caused by the students.

(v) Suspension from availing any of the college amenities and services or from class.

(vi) Removal, rustication or expulsion from the college, hostel or university.

15. Cases of indiscipline, which in the opinion of the wardens are so serious that a fine of Rs. 100/- or less would not be sufficient, punishment shall be referred by the wardens to Dean/D.S.W. for taking disciplinary action against the students. The Dean/ D.S.W. on the recommendation of the disciplinary board or a committee consisting of all wardens of the college may fine up to Rs 15000/- and this shall be noted on the students' permanent record card but shall not go necessarily on the character certificate. In addition, the student may also be placed on conduct probation. This will include and official warning to the student that one more incident of indiscipline might lead to the dismissal of the student from the University. Any student during this period when he/she is on conduct probation will not be entitled for any financial aid and shall not represent university/college anywhere.

16. On the basis of complaint(s) received against any student, if the Dean/ D.S.W. is convinced, pending enquiry and final orders, the alleged/involved student(s) may also be placed on conduct probation.

17. Cases of more serious indiscipline shall be forwarded to the Vice-chancellor who on the recommendation of the disciplinary committee shall award adequate punishment(s).

18. Students found directly or indirectly involved in ragging of newly admitted students inside or outside the campus will summarily be expelled from the college/university.

19. For indiscipline on playground, games president may fine student(s) up to Rs. 100/- each and/ or debar a student from game(s) for up to two semesters/ one session. For debarring, approval of Dean Students Welfare will have to be obtained.

Readmission by suspension of punishment shall invariably be subject to the following conditions:

1. The student concerned will be re-admitted not as a matter of right but only on compassionate ground, on the submission of an unconditional apology.

2. He/she will remain on conduct probation during the remaining period of his/her stay in the University.

3. He/she will furnish a bond of good behavior as prescribed, duly countersigned by his/her parent/guardian, which should remain operative for the entire period of his stay in the University.

4. He/she will not apply nor will be entitled to admission to any new degree programme in the University.

5. If the student concerned has been permanently dismissed, he/she will be entitled to apply for relief under this regulation only after the expiry of two semesters /one session from the date of orders of punishment, but in no case will be entitled to readmission before the

expiry of less than four semesters / two sessions from the effective date of punishment.

6. No student shall be eligible for seeking relief under this regulation unless he has completed at least two-semesters/ one session satisfactorily in this University prior to being awarded the punishment of permanent dismissal.

7. No student shall be eligible to seek or be granted relief under the regulation if he/she commits any act of indiscipline in the University campus or misbehaves with any officer or teacher of the University within campus or outside during the period laid down in clause (5) above:

Hostel Rules:

1. Allotment of hostel rooms to the students will be entirely the discretion of the wardens. The warden may change the allotment as and when they think necessary to do so. No change from one room to another or the partnership shall be allowed except under special circumstances by prior written approval of the warden.

2. After a student is admitted to the College/ University, it is compulsory for him to reside in the hostel maintained or recognized by the University except those living either with their parents or guardians within or outside University campus. Such students who do not want to reside in the hostel from the D.S.W./ Dean must obtain written permission. On being admitted to the University, a student has to deposit a sum of Rs. 200/- payable in two installments of Rs. 100/- each to be paid at the time of registration of first two semester besides other dues, which shall be refundable to him/her when he/she vacates the hostel after clearing the dues.

3. The Dean/ D.S.W./ Warden of the hostels reserve the right to refuse admission in the hostels without assigning any reason to a student whose living in the hostel is considered pre judicial to the general discipline in the hostels.

4. The warden or any other official of the University competent or deputed shall open all the rooms in the hostel for inspection for the purpose at any time.

5. When required by the wardens for specific reasons, the student residents shall vacate the room temporarily or otherwise. In case of refusal, the wardens shall have power to break open the room and get the room vacated.

6. The students must be present in their rooms at the time of roll call, which be taken every night between 9.30 and 10.00 P.M. by the prefects who will be appointed by the wardens. Any student found absent without permission is liable to a fine up to 5/- per night of absence and/or disciplinary action. The cashier would realize the fine as fees on the report of the warden. Guardians of the students or the respective State Governments, as the case may be, will be informed. If unauthorized absence exceeded 15 days, the allotment of the room will be cancelled and hostel room rent will be forfeited.

7. When the warden finds a student frequently out during night without permission, he/she will, apart from imposing the usual fines, issue a warning to him/her. If the warning has no effect on the students, Dean /D.S.W. on the recommendation of the warden may expel the student from the hostel or may take such other disciplinary action as he deems proper.

8. Before leaving the hostel for the night or for the holidays excluding semester breaks and summer vacations, the student must obtain prior permission of the warden on

prescribed hostel permit slips.

9. No student shall quarrel or misbehave with any fellow student or employee of the hostel including *dhobi, barber, chowkidar*, sweeper, servant, maintenance staff, mess worker and cook etc. Any misbehavior on the part of the employees or fellow students shall be brought to the notice of the warden and the concerned student is liable to disciplinary action.

10. No meeting shall be held within the premises of the hostel without the prior permission of the warden. Disciplinary action will be taken against students who organize or attend such unauthorized meetings.

11. If a student defaces or causes damage to the building, furniture or fitting, the cost or repair or replacement shall be recovered from him.

12. Friends and relatives of the students may visit them in the hostels during the daytime only. Non-authorized person is allowed to stay at night in the hostel after 10 pm. If, however, parents/ guardians or other guests of the students have to stay, the students must take permission from D.S.W./Dean on the recommendation of the wardens. This facility will be available in Teacher's/ Farmer's guesthouse for a period of maximum of three days only.

13. No guests of opposite sex are allowed to stay or visit the hostel at any time under any circumstances.

14. Students shall not shift fittings assigned to the rooms. When leaving for vacation, these must be handed over to the storekeeper or his/her representative. During the period of allotment of room, the student will be responsible for all property in the room.

15. No fire combustible articles, arms or lethal weapons are allowed to be kept in the hostel.

16. No resident student shall keep in his possession or use intoxicating drugs or liquor of any kind. Gambling or playing cards in any form in the hostel is strictly prohibited.

17. Students are not allowed to have their own recreational appliances viz. radio, transistor, tape recorder/ player, T.V. etc.

18. Students felling sick should inform the Medical Officer under intimation to the warden.

19. Resident students should observe cleanliness around their surroundings and should keep their rooms neat and tidy.

20. Watchman/security guard of hostels watch and wards of the University property. No student in any circumstances should ask the Watchman/security guard to do any other work.

21. Students shall have to take care of their belongings themselves and are advised not keep any costly items with them in the hostel.

22. No electric point should be left on while locking the room at any time.

23. Students are not permitted to have electric heaters in their rooms. In case any student found in using electric heaters, a penalty of Rs. 1000/- is fined from the concerned student.

24. Cooking in any form is not allowed in the hostel room.

6.5.4.6. NCC/NSS/RVC Units:

Clearly mention the existence and functioning of these units and how it is benefiting the student development. A brief report should be given (without photographs).

At College of Forestry, Kanpur the active participation in NSS, NCC and YOGA is compulsory to all students during their degree programme. The main aim of NSS is to inculcate a sense of national and social responsibility amongst the students. Under NSS they have to participate in programmes related to environment, health and education. Similarly, NCC develop the sense of national security and its integrity. Yoga is essential for sound physical as well as mental health to combat the difficult situations in life

National Service Scheme:

NSS Coordinator (2015-16 to 2018-19) - Dr. Devendra Singh/Dr. Ram Singh Umrao, Dr. Archana Singh (2019-20) The college is having functional NSS unit, which is playing important role in making aware the students about responsibility to the society and making them worthy citizens of the nation. The volunteers are regularly contributing in social service activities of maintain cleanliness in and around the educational institute and residential establishments. Awareness programmes through rallies, essay writing, poster making, debate etc. are regularly conducted by the unit for maintaining hygienic conditions for protection and prevention of contagious and infectious diseases.

National Service Scheme was started in this university from 1976 to develop the young graduate students' personality through social and community development work. It is the largest organization in the country working on the thought of Swami Vivekanand and Mahatma Gandhi. The main principle of NSS is "Not me but you". Through this scheme, students are motivated towards the awareness about various social evils in the rural and urban community related to education, health, disaster management, environmental, voter awareness and agriculture and also enable them to solve their problem jointly at their own level. There are six functional NSS units in the university comprising 537 volunteers of different colleges Viz. College of Agriculture, College of Horticulture, College of Forestry, College of Home Science, Kanpur and Dr. B.R. Ambedkar College of Engineering & Technology, College of fisheries and College of Dairy Technology, Etawah. Dr. Devendra Singh, NSS Programme Coordinator has submitted the following.

Major activities conducted by NSS volunteers during years 2019-20:

- Cleaning and repairing of university pond nearby ATIC building and other places in the University.
- Cleaning and repairing roads of Student Instructional Farm and Hostels
- Cleaning and repairing of play ground in front Ambedkar hostel Kanpur
- Organized mass scale plantation programme with Estate Officer in university campus and in selected villages and Planted and after care of more than 1500 plants.

NCC (Armored/ Infantry) programme and activities

NCC is one of the premier youth organization in our country involved in propagating national unity and integrity amongst the youth. Its role in inculcating discipline, hard work, moral values and shaping them in to dynamic responsible citizen of the country had been well recognized. Accordingly NCC cell has been established and is working efficiently Dr. (Lieutenant) Dharm Raj Singh working as NCC officer in armored unit and Dr.(Lieutenant) Sarvesh Kumar working as NCC officer in Infantry unit. Details of activities undertaken during the last five years under *NCC (Infantry)programme* is given here as under:

NCC (Infantry)programme

S.N.	Year	Enrolled Cadets	Details of Camp		Swachhata Abhiyan	Cadet Passed B Exam	Cadet Passed C Exam	Other Programme
			Number	Camp Name				
1	2016-17	21	21	CATC190-18 CATC191-17	1	17	10	Environment Awareness Programme
2	2017-18	20	20	CATC191-10 CATC192-15 CATC193-12	1	19	12	1-Paryavaran Jagrukta Rally 2-Tree Plantation
3	2018-19	18	18	CATC193-14 CATC195-12 CATC199-10	1	20	16	Water Conservation Awareness
4	2019-20	18	18	CATC193-16 CATC1941-20	1	18	16	Tree Plantation

Detail of 1 U.P. ARMD SUD NCC activities :-

Enrolled year	Strength	Combined Annual Training camp	Army Armoured Attachment	National integration camp	Cadets attended gourd of Honour	cadets passed B certificates	cadets passed C certificates
2015-16	100	37	9	-	-	24	14
2016-17	100	63	-	-	-	32	18
2017-18	100	52	8	-	-	47	28
2018-19	100	26	6	-	-	19	29
2019-20	100	45	-	-	-	34	17

General Programme

General Programme

Initiative taken in strengthening of programme activities involving volunteers and other local development agencies.

- Management of Kishan Melas/ Exhibition by NSS Volunteers organized by our University
- Red Ribbon Club activities are running in College of Agriculture under NSS Programme in which HIV/AIDS awareness.
- Seven awareness lectures and four one day camp organized every unit about various social evils in the rural and urban communit**y**

Parthenium awareness week

Parthenium is a weed of global significant responsible for agricultural losses, human and animal health issues besides a great problem for biodiversity. To create awareness amongst the general public, farmers, school and colleges students and policy makers and planners we talked about the impact of the obnoxious weed and how to manage this weed. Parthenium awareness week was celebrated in the month of August every year.

- **BetiBachao-BetiPadhao, and Betipadhao-DahejMitao**awereness programmes and rally organized

- **Communal Harmony campaign**
  Communal Harmony week was celebrated from November 19-25. Flag Day was organized on 23 November. Simultaneously, debate and essay competition also organized to motivate the volunteers.

- **AIDS Awareness Programme and Mega Rally**
  A rally was organized by Red Ribbon Club of the NSS in joint collaboration with District AIDS Control Association on International AIDS Day i.e. 1st December.

- **Youth day/weeks** was celebrated from January 12-19, in which different competitive and cultural events were organized and volunteers were honored with Vivekanand prizes

- **Women empower day** was celebrated on March 18, 2019 to aware the problem of women in present scenario.
- **World water day** was celebrated to aware the students and villagers about various ways and means to conservation and water harvesting.
- **Cleanliness Awareness Programme and Rallies**
  Swacchata campaigning programme and Rallies were organized by NSS volunteers
- **Voter Awareness Programme and Rallies**
  Voter awareness programme and Rallies were organized by NSS volunteers separately and in collaboration with Hindustan News paper
- **Yoga Day:** Yoga day was celebrated on 21 June, 2019
- **Cycle Day:** Cycle day was organized on 18 January, 2020.
- **World Water Day:** Celebrated on dated 22/03/2019w
- **Agricultural Day:** Celebrated on Dated 23/12/2020

NSS day, Youth day, International Aids day, National Integration Day Sadbhavna Divas, International women Empower day, Independence Day, Gandhi Jayanti, AmbedkerJayanti. Ekta divas

Other: Socio-economic survey of slums, *Ganga SafaiAbhiyan* for *"Aviral Ganga-Nirmal Ganga"*

Green CSAU and Clean CSAU

Plastic Free CSAU Campus

Other Activities :

S.N.	Activities celebrated	Date
1	NSS Day	24th September
2	National Youth Day	12th January
3	International AIDs Day	1st December
4	Sadbhavana Divas	20th August
5	International Women Empowerment Day	8th March
6	Independence Day	15th August
7	Gandhi Jayanti/Swachcha Bharat Diwas	2nd October
8	AmbedkarJayanti	14th April
9	Republic Day	26th January
10	International Unity Day (SVBP jayanti)	31st October
11	SwachchataPakhwada	
12	Environment Day	5th June
13	Plantation Day	5th July
14	MahilakisanDiwas	15th October
15	EktaDiwas	31 October
16	World health Day	7th April
17	Yoga Diwas	21st June
18	Chandra Shekjhar Azad Jayanti	23rd July

6.5.4.7. Language Laboratory:

It is required of any student to have a good command of the language for communication purposes, with clarity and accuracy being vital for effective and efficient communication. What helps one to acquire such proficiency in a language is the process and the method of learning that language. Mention which of these type of Conventional, Lingua Phone, Computer Assisted Language Laboratory and Multimedia Hi-Tech Language Laboratory are being used for language teaching in the college.

For developing good command of the language for communication purposes, with clarity and accuracy, the college computer laboratory is assisted with audio-visual aids for proficiency in writing and speaking language skills of the students. Computer assisted language laboratory and multimedia hi-tech language laboratory are being used for language teaching in the college.

Computers are well connected with Wi-Fi system, which provides easy accessibility to the users. However, the medium of instruction and examination for all undergraduate programmes is English/Hindi But majority of students opt the English in all examination it happened due to non-credit speaking English and personality development courses has been recently initiated to empower our students in communication skills.

6.5.4.8. Culture Center:

Does the college has cultural center to empower student leaders to explore, celebrate, and educate the campus community about the diversity among them? Does the college offers an inclusive and reflective space, multicultural programming, and support services that encourage positive interaction, academic persistence, and growth among students, faculty, and staff?

There are abundant opportunities to participate in cultural activities that match students' interest and inclination. This provide students a diversion from academic to general life, center also organize a variety of events that provide opportunities for betterment in all aspects under situation when students don't find what they are looking for, they encouraged to join a new student club to explore their passion. There is something or other for everyone.

Cultural center's goal is to increase awareness of performing arts in University as well as to discover the talent among students in music, art, dance, theatre etc. The center members minutely watch and learn the process of art and occasionally meet artists and painters to discuss the finer beauty of art. In music the members not only listen to the classical concerts and rock-shows but create their own bands and exhibit their own talent on various occasions. The students learn various forms of Indian and western dances. Activities like workshops and interactive sessions are organized to promote theatre. The center takes care of the ecological and environmental issues within the campus and suggests ways and means to reduce carbon emissions responsible for degradation and damage to the Earth's ecosystem. A road map to convert the campus into green campus has been prepared with the help of the eco club. The sports club organizes various sports events and also conducts yoga sessions. An interesting place called "Zero Noise" has been constructed within the University Campus for meditation and yoga, where anyone can come and achieve peace of mind and stability of the body. Yoga and breathing exercises are also conducted. Students create projects of their choice and integrate with other members of the cultural center to create functional and indigenous models/tools.

6.5.4.9. Personality Development:

Personality development programme is aimed at increasing employability of the students. Whether the college has provisions for inclusion of functional grammar in Standard English, speaking skills, reasoning, group discussions interview skills, personal interviews, quantitative ability, verbal ability, mock tests and some special sessions to promote the personality development in the students?

Youth are energetic and active. The right direction to them may bring many positive changes, which can be seen in the society. Nation building can be possible only through youth development, for which imbibing the spirit in youth and in the right direction is very essential. Creating and adopting innovative techniques and practices need flow of positivity in directional manner so that it inculcates and nurtures the creativity and innovations among all stakeholders of University. We have to highlight the achievements and propose new teaching, research and extension concepts to develop and promote innovative and need-based scientific technologies to meet the demand of continuously changing social and economic needs together with an explicit analysis of our weaknesses and strengths. It is expected that approaches and advance concepts will prove useful for educationist, scientist and extension educationist to address the future challenges for growth and development of agriculture and related sectors in southern-western semi arid and central plain zone of Uttar Pradesh. The interaction of students and teachers need innovative practices for effective learning, good governance through innovative administrative measures.It 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.

College bestows students with diverse opportunity of growing expertise, classroom presentation extempore, mock conversation, group discussionand play and debate.

National Youth Day :

Great Philosopher and wondering Monk of India Swami Vivekanand's birth anniversary is celebrated as National th Youth Day on 12 January every year. In 2019, the students participated in debate and elocution contest. The students express their thoughts on life of Vivekananda HOD Forestry during his address highlightedthat everyone has the characters of Vivekananda but we fail to unleash the inner thoughts.Students were awarded prizes in the debate and elocution competition.

World Forestry Day:

World Forestry Day was celebrated on 21 March very year. In 2018 and 2019, during this occasion the facility as well as student planted various tree species like shisham (Dalbergiasisoo), teak (Tectonagrandis), Eucalyptus sp., neem (Azadirachtaindica) at the University campus.

World Environment Day:

It is observed on 5 June every year across the world. The University students and faculty celebrated this day with a plantation drive in 2015-16 to 2018-19 a lecture was delivered by Dr. Jagdish Prasad, Principle Scientist NBSSLUP, Nagpur highlighting the importance of tree plantation in the context of growing environmental concerns such as the depletion of the ozone layer, emission of toxic chemicals, desertification and global warming and climate change.The theme of World Environment Day in 2019 was 'Free Plastic Campus

to combat one of the greatest environmental challenges of our time. The University students and faculty organized the day with a plantation drive with focus on Pipalplants.

International Yoga Day
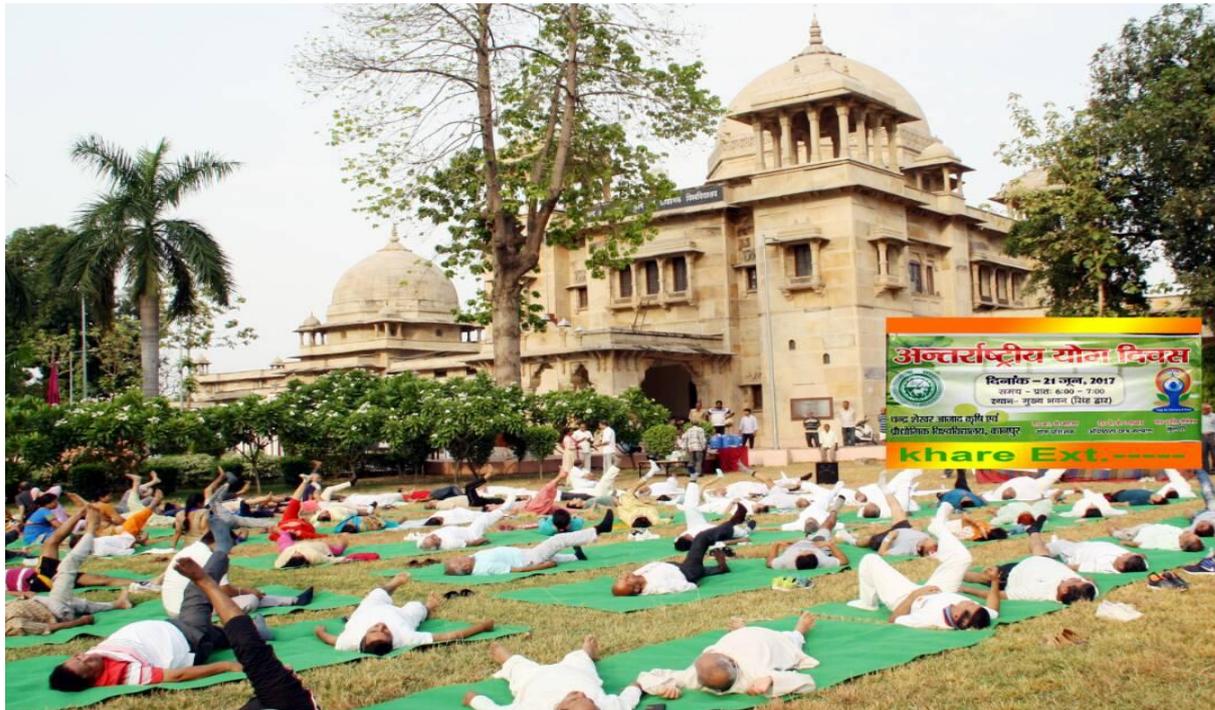
I   t was celebrated every year on 21 June. In 2018, this was celebrated to promote yoga and endeavor towards making it a part and parcel of everyone's daily routine with firm determination and perseverance, without any mental reservation or doubts. All university officials, scientists, staff and students took active part in yogic exercises and pledged to make it an essential part of their own quest for happiness and well-being.While celebrating this event, the University students, faculty and staff participated with a resolution of making yoga an integral part of life. The participants were reminded that Yogain Sanskrit originally means "to join" and aims to join the body and mindwith the soul.

World Food Day:

The University organized World food day every year on 16 October. During 2017 to 2019, the theme was "Quality food with balance diet to all". Students from different facility participated the events

Water Conservation Week:

Water is the harbinger and sustainer of all the life on planet. With the growing population and improvement in economic status, the demand for available water is also increasing. The university had organized Water Conservation Week during October 14-19, 2018 to bring awareness among the students, peoples as well as every stakeholder of the university by organizing 6 days

programme through the various activities. Dr H.P. Chaudhary Ex. Professor & Head and

advisor to Govt. of U.P. delivered the lecture on Importance of water for sustainable life during this period, students lunched massive drive for cleanliness of campus/Hostel Premises and University Talab and distributed sanitary napkins to rural women and cloth bags to needy persons.

6.5.5.Physical Facilities:

6.5.5.1.   Hostels:

Clearly mention the number of hostels available for the College students for boys and girls, separately with its total capacity, students per room accommodated in each hostel, mess facility, drinking water, indoor games specially for girls, cleaning of hostel premises, transport facility, emergency medical facility etc.

The Physical facilities including hostel, mess, Indore games, transport and medical facilities available at university headquarters is jointly shared by the students of different colleges located at Kanpur. The details of the hostel and other facilities is given below

SL No.	Student Hostels	Rooms	Seats	Plinth Area
	Boys Hostel			
1	Patel Hostel	181	180	G+2 4780.00 Sqm.
2	Abedkar Hostel	90	180	G+1 2320.00 Sqm.
3	Bhagatsingh Hostel	90	180	G+1 2320.00 Sqm.
4	Dr. R.P. Hostel	50	50	G+1 1720.00 Sqm.
5	Tilak Hostel	70	140	G+1 2160.00 Sqm.
6	Raman & Bose	36	108	G700.00 Sqm.
7	R.S.R.P. Hostel	50	100	G+1 1686.00 Sqm.
8	Karpuri Thakur Hostel	34	102	G+1 2298.00 Sqm.
9	ShubashChandra Bose	20	60	G 668.00 Sqm.
10	International Hostel	12	12	G 832.00 Sqm.
11	Shekhar Hostel	105	105	G+2 2996.36 Sqm.
12	APJ Hostel	50	50	G+2 2222.00 Sqm.
13	Varuna Hostel	105	105	G+2 2996.36 Sqm.
	Girls Hostel			
14	Godavari	66	66	G+2 2194.36 Sqm.
15	JhalkariBai	21	42	G 1594.00 Sqm.
16	Sarojni Naidu	50	100	G+11993.35Sqm.
17	Shramjivi	15	15	G 1388.00 Sqm.

Guest House Facilities at Kanpur Campus

SN	Guest House	Plinth Area	Rooms/Suite
1	Teachers guest House	1785.00 Sqm.	26 Nos
2	Farmers guest House	1200.00 Sqm.	09 Nos
3	V.V.I.P. guest House	399.00 Sqm.	02 Nos
4	V.I.P. guest House	1078.00 Sqm.	70 Nos
5	Dr. Babu Singh KisanGhar	1225.00 Sqm.	05 Nos Suite & 11 Nos Hall
6	Sir Mayadas guest House	1368.00 Sqm.	14 Nos
7	Dr. Swami Nathan guest House	996.00 Sqm.	08 Nos
8	Narendra Mohan Community Centre	835.00 Sqm.	Rooms, Hall & Dinning Complete

Civil Facilities

S.No.	Particular	Plinth Area (Sqm.)
1.	Auditorium (Sitting capacity 833 Nos.)	1994.34

2.	Dispensary	400.00
3.	Cafeteria	445.00
4.	General Store and Stationary shop	100.00
5.	Computer Typing and Photo copier shop	100.00
6.	Bank (SBI)	300.00
7.	Bank (IDBI)	355.00
8.	Post Office	30.00
9.	Sales Outlet (Namaste India)	15.00
10.	Police Chauki	65.00
11.	Badminton Hall	350.00
12.	Recreation Hall	294.00
13.	Swimming Pool	500.00
4.	Football Ground	1000.00
5.	Stadium Ground	6000.00
6.	Security Office	150.00

Faculty and Staff Residential Facilities

Type	No. of Quarters	Area (Sqm)
Type-A	4	11480.00
Type-B	8	3315.00
Type-C	51	6400.00
Type-D	36	720.00
Old type (Bungalow)	22	4400.00

6.5.5.2. Examination hall:

Mention the availability of number of examination halls, its capacity etc. for the College.

The University has three multipurpose big halls on the First Floor of the college of agriculture building having a 720Sqm Plinth area for conducting various examinations at Kanpur which is being utilized by the different colleges.

6.5.5.3. Sports and Recreation Facilities:

Clearly mention the number of indoor and outdoor sports facilities available for the College students. A brief note on day to day management and use of these facilities shall be provided in the report.

S.No.	Particulars of Sports and Recreation facilities	Remarks
1	Common Hall	All essential games and

2	Badminton Hall	sports facilities are available for physical as well as overall personality development of student.
3	Recreation Hall	
4	Swimming Pool	
5	Football Ground	
6	Table Tennis	
6	Carom and Chess	
7	Volley Ball	
8	Cricket Ground	

6.5.5.4. Auditorium:

Does the college has auditorium? Mention its year of construction, sitting capacity and how frequently being used for the College functions.

University Auditorium popularly known as Kailash Bhawan is there with carpet area of 1994 Sqm and 833 seating capacity for organizing cultural programmes, annual function and other student activities.

6.5.5.5. Exhibition Hall/Museum:

Does the College havethe Examination Hall/Museum? Mention about its use and special events being conducted in these units.

An Agricultural Museum has been established at the agricultural College building of Kanpur Campus having carpet area of 540 m^2 .There is a Horticulture Garden at Kanpur campus spread over an area of about 15.00 acres with a Herbal, orchards and green house.

6.5.6.   Research Facilities-

N.A.

6.5.7. Outcome/output

6.5.7.1. Student performance in National Examination

Provide detailed information in tabular form about student performance in JRF/ SRF/ NET/ ARS/and other national examinations for last five years. Only those students receiving fellowships should be mentioned here.

Students qualified in SRF/NET/ARS Examination:

Name of the student	Name of qualified examination	Degree
Durgesh Kumar	NET	Ph.D.
Sri Ranjeet Singh	FRI Dehradoon	Wood Technology
Deepika	FRI Dehradoon	Wood Technology
NehaPareekh	FRI Dehradoon	Agro met
Umesh Kumar	BHU,Varanasi,	Agroforestry
Himanshi	BHU,Varanasi,	Agroforestry

Naureen Fatima	Delhi, University	Environmental Science

6.5.7.2. Students placement profile

Provide detailed information in tabular form about student performance in ARS/and other national examinations/State level examinations or equivalent. Year wise placement profile shall be provided.

Students Placement-

S.No.	Name of the students	Degree	Types of job (govt./private)
1.	Sri Chandra Prakash	B.Sc. (Hon.) Forestry	Asstt. Conservator of forest, Govt. of U.P.
2.	Sri Hemant Kumar	B.Sc. (Hon.) Forestry	Asstt. Professor, SHUAT, Pryagraj
3.	Sri Vinay Kumar	B.Sc. (Hon.) Forestry	Biotechnologist in own training institute New Delhi.
4	Sri Shyam Sunder	B.Sc. (Hon.) Forestry	Developed startup on production of hydroponics in U.P.
5.	Sri Ravi Mishra	B.Sc. (Hon.) Forestry	Founder MD New Rays Coaching Institute, Kanpur
6.	NehaPareekh	B.Sc. (Hon.) Forestry	S.M.S., Agro met K.V.K., Motihari, Bihar
7.	Umesh Kumar Uttam	B.Sc. (Hon.) Forestry	DHO, Pryagraj

6.5.7.3. Awards / Recognitions/Certificates:

Provide information on awards/recognitions/certificates in tabular form for last five years separately for students and faculty.

Awards/Recognitions/Certificate received by the Students and faculty (Vegetable Science) during last five year

Student

S. No	Name& Designation	Awards	Specialization
1.	Dr. R. P. Singh, Professor & Head	➤ 1st Prize in Poster presentation by4th UPAS Congress CSAUAT,KNP ➤ 2nd Prize in Poster presentation by4th National Symposium, IGFRI, Jhansi ➤ 3rd Prize in Poster presentation by 4th UPAS Congress CSAUAT,KNP ➤ Good leadership in KisanMela Stall,2016 for Special Prize by Vice-chancellor CSAUAT,KNP ➤ Fellow award 2016 byRLISA. Varanasi ➤ Fellow Award 2017 Society For Scientific by Development in by Agriculture & Technology Udaipur (Raj.) India ➤ Dr. SurajBhanVishisthKrishiVaigyanik byUPCAR Lucknow	SCWM
2.	Dr. Munish	➤ **Fellow Award 2018,** The Society of	SCWM

70

	Kumar, Professor	Agricultural Professionals HQ: Chandra Shekhar Azad university of Agriculture & Technology Kanpur-208002 (U.P.), India.
		➤ **International Award for Excellence**, in recognition of eminent contribution Promotion of Significant Research in Medicinal & Aromatic Plants at **7thGlobal Summit on Medicinal and Aromatic Plants**, **Chiang Mai, Thailand**, November 19-21, 2018.
		➤ **Outstanding Achievement in Agriculture Award 2019** on the occasion of International Conference on 3rd Global Meet on Science & Technology for Ensuring Food & Nutrition Security (GMST 2019) held during 1-3 December 2019 at National Research Centre on Seed Spices, Ajmer (Raj.) India.

Kumar, Professor	Agricultural Professionals HQ: Chandra Shekhar Azad university of Agriculture & Technology Kanpur-208002 (U.P.), India.
	➤ **International Award for Excellence**, in recognition of eminent contribution Promotion of Significant Research in Medicinal & Aromatic Plants at **7[th]Global Summit on Medicinal and Aromatic Plants**, **Chiang Mai, Thailand**, November 19-21, 2018.
	➤ **Outstanding Achievement in Agriculture Award 2019** on the occasion of International Conference on 3rd Global Meet on Science & Technology for Ensuring Food & Nutrition Security (GMST 2019) held during 1-3 December 2019 at National Research Centre on Seed Spices, Ajmer (Raj.) India.
	➤ **CSAU Certificate of Appreciation-2019** in the area of Development of Agro-Technique on the occasion of 71th Republic Day, 2020
	➤ **Life Time Achievement Award for Outstanding Contribution in the field of Academic and Education** on the occasion of National Conference Organized by Academy for Environment and Life Sciences, Agra Developments of Botany St. John's College, Agra form 22-23 Feb. ,2020
	➤ **Outstanding Achievement in Agriculture Award 2019** on the occasion of International Conference on 3rd Global Meet on Science & Technology for Ensuring Food & Nutrition Security (GMST 2019) held during 1-3 December 2019 at National Research Centre on Seed Spices, Ajmer (Raj.) India.
	➤ Awarded **Life Time Achievement Award** – For Outstanding Contribution in Soil Conservation and Water Management on the occasion of International Seminar on Recent Trends and Experimental Approaches in Science, Technology and Nature on Dec. 24, 2016 by the Society for Science and Nature, Lucknow
	➤ **Awarded Dewang Mehta National Education AwardofBest Professor in Soil Conservation and Water Management**by 25th Business School Affaire on 14 September 2017 by **Dy. Chief Minister of U.P. Sri. Dinesh Sharma Ji**, at Vivanta by Taj- Gomti Nagar, Lucknow.
	➤ **Awarded 1st Prize in poster presentation on Cropping Systems** in Relation to Soil Erosion and Water Conservation in Central Alluvial Tract of Uttar Pradesh at 3rd Uttar Pradesh Agricultural Science Congress organized by Sam Higginbottom Institute of Agriculture, Technology & Sciences, (Deemed University) Allahabad on 16 June 2015.

		➤ Awarded **SRDA Gold Medal Award -2016** by the Society for Recent Development in Agriculture, Meerut on the Occasion of International Conference on Global Agriculture & Innovation Conference (GAIC-2016) organized at International University, Greater Noida. ➤ **Awarded Dr. SurajBhanVishisthKrishiVaigyanikPurushkaar – 2014**in the area of Natural Resource Managementat 3rd U. P. Agricultural Science Congress on Strategic Governance & Technological Advancement for Sustainable Agriculture jointly organized by Sam Higginbottom Institute of Agriculture, Technology & Sciences, Allahabad, Uttar Pradesh Council of Agricultural Research, Lucknow& Uttar Pradesh Academy of Agricultural Sciences, Lucknow at SHIATS, Allahabad on 16 June, 2015	
33.	Dr. Kaushal Kumar, Professor	➤ CertificateofHonour-2015forsignificantcontributionand support in strengthening and promotion of activity of society bySocietyofAgriculturalProfessional. ➤ Swami vivekananad Award-2015 for excellentservicesasprogrammecoordinator,NationalServiceSchemeofUniversity. ➤ SAP fellowawardin 4$^{'h}$NationalSymposiumonTransforming Indian agriculturetowardsfood and nutritionalsecurity on 20-21February2016atIGFRI,Jhansi,India. ➤ Bestposter presentationaward in 4" UttarPradesh Agriculture Science Congress on Strategic governance and technologyadvancementforsustainableagricultureheldfromIV March2-4,2016 ➤ Best Scientist of the year -2016 Given by Society ofScience & Nature at the occasion of International Seminar on "Recent Trends andExperimentalApproachesinScience,technologyand nature,December23-24,2016. ➤ First poster prize inNational conference onGlobal research initiative for sustainable agriculture and allied sciences Aasthafoundation,MeerutatRVSKVV,Gwalior(M.P.) ➤ FellowAward-2018bySocietyforScientificdevelopmentinAgricultureandTechnology. ➤ SCSI Leadership Award-2018bySoilConservationSocietyofIndia. ➤ YoungScientistAward-2018 by Doctors KrishiEvamBagwaniVikasSanstha(Doctors AgriculturalandHorticulturalDevelopmentSociet	SCWM

		y)Lucknow. ➢ Best Scientist Award-2018 by the society of Agriculturalprofessionals Chandra ShekharAzad University of Agriculture and and Technology, Kanpur, UP, Indiaon February14, 2018. ➢ Leadership award by Soil Conservation Society of India, New Delhi ➢ **Best Teacher Award** on the occasion on National Conference on "Recent Trends and New Frontier in Biotechnology, Agriculture & Environment (NCRTNFBASE-2020)" held at Agra from 22-23 February, 2020 by Academy for Environment and Life Sciences, Agra & Faith finder Research and Training Foundation, Greater Noida	
34.	Dr. Sarvesh Kumar, Professor	➢ CertificateofHonour-2015forsignificantcontributionand support in strengthening and promotion of activity of society bySocietyofAgriculturalProfessional. ➢ Excellence in Teaching Award, Astha foundation, Meerut (U.P.) 13-14 Dec., 2015. ➢ Swami vivekananad Award-2015 for excellentservicesasprogrammecoordinator,NationalServiceSchemeofUniversity. ➢ Best poster presentation National Seminar on Managing Crop Productivity for Food Security in Changing Climatic Scenario Department of Agricultural Botany, Janta College, Bakewar, Etawah, 28-29 March, 2015 ➢ SAP fellowawardin 4'ʰNationalSymposiumonTransforming Indian agriculturetowardsfood and nutritionalsecurity on 20-21February2016atIGFRI,Jhansi,India. ➢ Bestposter presentationaward in 4" UttarPradesh Agriculture Science Congress on Strategic governance and technologyadvancementforsustainableagricultureheldfromIV March2-4,2016 ➢ Best Scientist of the year -2016 Given by Society ofScience & Nature at the occasion of International Seminar on "Recent Trends andExperimentalApproachesinScience,technologyand nature,December23-24,2016. ➢ Flrst poster prize inNational conference onGlobal research initiative for sustainable agriculture and allied sciences AasthafoundationMeerutatRVSKVV,Gwalior(M.P.) ➢ Appreciation Certificate NSS, CSAUA&T, Kanpur, March, 2015 ➢ Poster presentation Award (III), Astha Foundation, Meerut (U.P.), 12-13 Dec., 2015 ➢ Excellence in Teaching Award, ICAAS-2016, Society of Scientific Development in	SCWM

		➤ Agriculture and technology Meerut,10-11 Dec., 2016. ➤ Best Poster Presentation (III) Strategic Governance and Technological Advancement for Sustainable Agriculture, 4th Uttar Pradesh Agricultural Science Congress March 2- 4, 2016, Fellow Award, Research and Development Society,20-21 Feb., 2016. ➤ Best Environmental Conservation Award, Society of Human Resource and innovation Agra UP,19 -20 March, 2017 ➤ Distinguish Scientist Award AASTHA Foundation Meerut, 2018 ➤ Azad SewaPuruskar, National Service Scheme CSA Azad Univ. of Agric. & Tech., 2019 Kanpur	
35.	Dr. U.D. Awasthi, Assistant Professor	➤ Certification of Appreciation'' given by organizing chairman/Vice Chancellor of C.S. Azad University of Agril. & Tech., Kanpur for sincere efforts for making the programme successful of National Conference on ''Organic farming for sustainable agriculture and livelihood security under changing climatic conditions'', held on 12-13, December, 2017 at Chandra Shekhar Azad University of Agriculture n& Technology, Kanpur.	SCWM
36.	Dr. C.P. Sachan, Professor	➤ Having 33 years' experience teaching, research and extension. He has been associated with teaching in seed science and technology genetics & plant breeding, agriculture biotechnology, forestry and horticulture he is recipient of several awards among them best scientist awards and best programme manage awards conferred on him	SST
37.	Dr. Mahak Singh, Professor	➤ DrManglaRaivishistKrishiVaigyanikPuruskar-Z015 for his outstanding contribution in the field ofcrop improvement (Oilseeds and millets) on the occasion of 4'' U.P. AgriculturalScience CongressheldonMarch04,2016. ➤ Best Scientist Award-2018 by the society of Agriculturalprofessionals Chandra ShekharAzad University of Agriculture and Technology,Kanpur,UP,IndiaonFebruary14,2018. ➤ Gold Medal Award by the Society for Rapeseed and Mustard Research (SRMR)Bharatpur (Rajasthan)and Chandra ShekharAzad UniversityofAgricultureandTechnology,Kanpur,UP, IndiaonFebruary01,2019. ➤ BestScientistAward-2018bySocietyof o Agricultural professionalsChandra ShekharAzad Universityof Agriculture andTechnology,Kanpur,UP,India.	GPB
38.	Dr. R.K. Pathak	➤ Dr.	

| | Assistant Professor | R.K.PathakreceivedBestResearchPaperPresentationAward-2018atNationa1 conference on Managing natural resources for sustainable Agriculture-2018,organizedbyGKVSocietyAgrafrom8-12-18to9.12.12.

 ➢ Dr. R.K. Path akreceived EminentScientistAwardat InternationalconferenceonAdvanceinAgricultureandAlliedScienceResearch-20a 9from23-24.02.2019SVWS,LucknowatRamaUniversity,Kanpur

 ➢ Dr. R.K. Pathak received Outstanding Scientist Award-2018 at National conference on Managing Natural Resourcesfor su8tainabJeagriculture organized by GKV Society Agraat RBS College, Agra. | |

6.5.7.4. Employability

What are the set of achievements such as skills, understandings and personal attributes that make College students more likely to gain employment and be successful in their chosen occupations, which benefits themselves, the workforce, the community and the economy? Provide one page note on the subjects.

Faculty of the college of Forestry is well educated, highly experienced and competent enough develop professional skills and understanding and imbibe personal attributes in the Students. An extensive training is given to the U.G. students in the field of nursery management, production, post-harvest, processing, value addition and marketing of medicinal and aromatic plants, which ultimately provide golden opportunity to the students in getting employment.

6.5.8. SSR of the College must have the SSR of all its Degree Programmes (following section 6.4), then the report of the Colleges shall be considered.

6.5.9. Certificate (Applicable when SSR is submitted for programmes & College)

I, **Dr. Dharamraj Singh**, Dean, College of Forestry, Kanpur hereby certify that the information contained in section 6.4 and Section 6.5.1 to 6.5.7.4 are furnished as per the records available in the college and degree awarding university.

Date: 10-01-2021
Place : Kanpur

(Dharmraj Singh)