

Self - Study Report for Accreditation

2015-16 to 2019-20



College of Agriculture, Lakhimpur Kheri



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

Self Study Report

2015-16 to 2019-20

Submitted to

**ICAR- National Agricultural Education
Accreditation Board, New Delhi**



By



**College of Agriculture
Lakhimpur Kheri (Campus), Jamunabad, Gola
C. S. AZAD UNIVERSITY OF AGRICULTURE &
TECHNOLOGY, KANPUR**

FOREWORD

This Self-Study Report culminates a major part of the activity devoted over the past five years aimed at securing a reaffirmation of SAUs institutional accreditation. The C.S.A. University of Agriculture & Technology, Kanpur has been set-up in 1975. The jurisdiction and responsibility of the university with respect to teaching, research and extension education at the University level, in this field of agriculture is extended to whole Uttar Pradesh with priority on the issues related to Tarai regions that cover district namely, Lakhimpur Kheri, Sitapur, Bareilly, Sahjahanpur, Bahraich, Pilibhit and Bijnor. The college of Agriculture Lakhimpur Kheri (Campus) located at Jamunabad, Gola, Lakhimpur Kheri (U.P.). This campus was established in 2014 for awarding B.Sc. (Hons.), Agriculture Degree. The under graduate programme in Agriculture has already been started five year back (2015-16) and the students pursuing education at main campus at Kanpur during the development stage. Teaching has been started from academic session 2019-20 at Lakhimpur Kheri (Campus). The report highlights the contributions and efforts of the College on all the aspects within the framework of ICAR guidelines.



The college objective is to enhance efficiency at every functional level and optimize resource utilization. Having varied climate in the area jurisdiction, the college proved instrumental in providing varieties of every crop for almost each location. Accreditation of the college has helped in identifying constraints and set priorities. Farmer-scientist linkage has been fostered to formulate appropriate strategies for higher research.

The editorial task force places on record its deep sense of gratitude to the Hon'ble Vice Chancellor, Dr. D. R. Singh, for providing valuable support and guidance in preparing the report. Those people who have helped in refining this report have come across all the departments, with contributions and suggestions provided by members of the faculty, staff, student body and administration. Special thanks to those who devoted significant contributions to this effort by participation on the various teams that led this effort: the Steering Committee, the task force committee and those who worked with them, the Resource Team, the Editorial Team, and the Data Team. In particular, we benefited from assistance and contributions made by Dr. P.K. Upadhyay, Dr. Naushad Khan, Dr. Shweta, Dr. A.K. Srivastava, Dr. Y.K. Singh, Sri Girija Shankar Katiyar, Dr. S.K. Vishwakarma, Dr. Manoj Katiyar, Dr. P.K. Bisen, Dr. Mohd. Suhail, Dr. Anand Srivastava, Dr. R.K. Singh, Dr. Kaushal Kumar and Dr. S.K. Singh.

There have been challenges, but the unending quest for perfection and the consistent hard work of the scientists and teachers has turned them into opportunities to learn and carryout the various activities smoothly and effectively. They all deserve my appreciation and compliments. The dedicated committees and the editorial team deserve applaud and appreciation for their untiring efforts in compilation and editing of this report, and its timely publication.

Date: 10 Jan, 2021

Place: Lakhimpur Kheri

A handwritten signature in blue ink on a yellow background, with the date '10/01/2021' written below it.

(R.K. Yadav)
Dean

SELF STUDY COMMITTEE**Chairman: Prof. (Dr.) R.K. Yadav, Dean, College of Agriculture****Co-ordinator: Dr. Naushad Khan, Professor (Agronomy)****Task Force Committee:**

Task Force	Committee	Designation
History & Development of College, Mission, Goals & Objectives	Dr.R.K. Yadav	Professor, GPB
Organization & Governance	Dr. P.K. Upadhayay	Professor, AH & Dairying
Academic Programmes & Curricula	Dr. Shweta	Asstt. Professor, GPB
Faculty & other Human Resources	Dr. R.K. Yadav	Professor, GPB
Students & Students Development	Dr. Y.K. Singh	Asstt. Professor, Agronomy
Research	Dr. Santosh Kr. Vishwakarma Dr. A.K. Srivastava	Head, KVK, Lakhimpur Professor, Agronomy
Extension Education	Dr. Mohd. Suhail Dr. P.K. Bisen	SMS, KVK, Lakhimpur Kheri SMS, KVK, Lakhimpur Kheri
Library and other learning resource	Dr. Anand Srivastava Dr. Manoj Katiyar	Office In-charge, AKMU Office In-charge, Central Library
Physical Facilities	Dr. V.K. Yadav	Professor, GPB/I/C Univ. Eng.
Finance Resource	Sri Girja Shankar Katiyar	Asstt, Accountant, Controller office
SWOT Analysis and Summary	Dr. Shweta Dr. R.K. Singh	Asstt. Professor, GPB Asstt. Professor, Economics
Editorial Board	Dr. R.K. Yadav Dr. Naushad Khan Dr. Kaushal Kumar Dr. Sanjay Kumar Singh	Professor, GPB Professor, Agronomy Professor, SCWM Asstt. Professor, GPB

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Self Study Report for the Programme

6.4.1: Brief History of the Degree Programme: Under Graduate

The C.S.A. University of Agriculture & Technology, Kanpur has been set-up in 1975. The jurisdiction and responsibility of the university with respect to teaching, research and extension education at the University level, in the field of agriculture is extended to whole Uttar Pradesh with priority on the issues related to Tarai regions that cover district namely, Lakhimpur Kheri, Sitapur, Bareilly, Sahjahanpur, Bahraich, Pilibhit and Bijnor. The college of Agriculture, Lakhimpur Kheri (Campus) located at Jamunabad, Gola, Lakhimpur Kheri was established in 2014 for awarding B.Sc. (Hon's) Agriculture Degree. The undergraduate programme in Agriculture has already been started five years back (2015-16) and the students are pursuing education at main campus, Kanpur during the development stage of the college. All the courses have been offered as per ICAR fifth Deans' committee recommendations.

Degree Offered

Year in which degree started

B.Sc. (Hons.) Agriculture

2015

Objective: The College of Agriculture Lakhimpur Kheri Campus is working as one of the constituent colleges of the C.S. Azad University of Agriculture & Technology Kanpur, with following objectives:

- To teach and trained the students in the field of agriculture.
- To train them as competent extension personnel to disseminate various production technology to the beneficiaries.
- Undertake programme of extension education in tarai region under its jurisdiction.
- Promote partnership and linkages with national and international educational institutions.
- Undertake other activities required for accelerating growth of agriculture sector.

Accomplishments:

The students of first batch of this college were completed their degree in 2019. Teaching has been started from academic session 2019-20 at Lakhimpur Kheri campus. In academic session 2020-2021, out of 60

students, 49 Boys and 11 girls students are studying at Lakhimpur kheri campus.

The course curriculum as prescribed by the V Deans' Committee of ICAR has been adopted in academic season 2016-17. The intake of students was 23 from academic season of 2019-20. Currently, intake of students is 60 at undergraduate level maintaining 10 per cent reservation of students from EWS category.



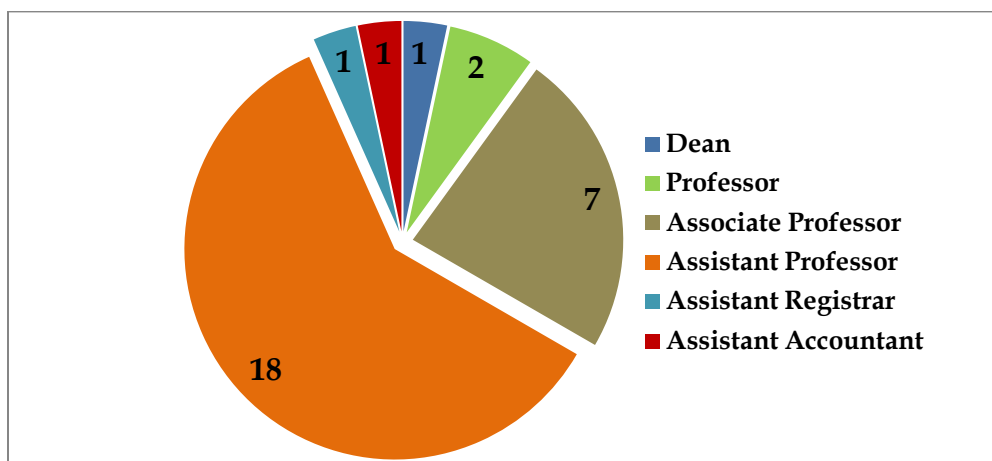


6.4.2: Faculty Strength:

The faculty strength of the degree programme sanctioned and in-place both are given below in table:

Table: Sanctioned faculty position in the College.

SN	Sanctioned Faculty	Faculty in place	Vacant position	Faculty recommended by the ICAR/UGC/VCI/ other regulatory bodies
1.	Dean	01	01	01
2.	Professor	02	02	01
3.	Associate Professor	07	07	05
4.	Assistant Professor	18	18	17
	Teaching Associate for the academic year 2020-21	07	-	-



Faculty Profile (department wise)

Faculty Profile (Department Wise) Associated in teaching at Lakhimpur Kheri (campus)

S. N.		Department	Designation
1.	Prof. R.K.Yadav	Genetics and Plant Breeding	Dean
2.	Dr. Naushad Khan	Agronomy	Professor
3.	Dr. Rakesh Kumar Singh	Mathematics	Asstt Professor
4.	Dr. S.K. Biswas	Plant Pathology	Professor
5.	Dr. Ram Singh	Entomology	Asstt. Professor
6.	Dr. A. K. Srivastava	Agronomy	Professor

Name of Guest Faculty/Teaching Associate:

S.No.	Name	Specialization
1.	Dr. Ranveer Singh	Soil science
2.	Dr. Manoj Kumar	Extension
3.	Smt. Shikha Shukla	English
4.	Sri Atendra singh Yadav	Mathematics
5.	Dr. Himanshu Mishra	Horticulture
6.	Dr. Ripudaman Singh	Agronomy
7.	Dr.Kumar Narain	Plant Biochemistry & Pl. Biotechnology

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.

Name of the Post	Sanctioned	Filled	Vacant
Asstt. Registrar	1	0	1
Asstt. Accountant	1	0	1
Total	2	0	2

Presently following Manpower has been outsource to run the college:

Watchman - 04

Labour (Equal work equal pay) – 05 (Rs. 2550+D.A.+EPF+Admin Charge)

Labour (Equal work equal pay) – 05 (Rs. 7000.00 Fixed per month)

Computer operator – 02 (Outsourcing)

Lab Assistant - 01 (Outsourcing)

Technical Assistant – 01 (Outsourcing)

6.4.4: Classrooms and Laboratories:

Below mentioned class rooms and functional laboratories are available for the degree programme and which is sufficient to meet the course curricula requirement. Listed major equipments, laboratories, farm facilities, workshops and other instructional units are being utilized for the award of the Degree Programme. Facilities for theory and Practical Classes are given as under:

	Classrooms	Floor	Size (ft²)	Capacity (students)
1.	Lecture Hall-1	Ground Floor	1064	66
2.	Lecture Hall-1	Ground Floor	1064	66
3.	Lecture Hall-1	Ground Floor	1064	66
4.	Lecture Hall-1	Ground Floor	1064	66
	Laboratory -1	Ground Floor	2700	66



(B). Farm Facilities:

Area: 5.0 ha

Equipments: Tractor, Trolley, Disc harrow, Cultivator, Disc plough, Tube well, Threshing floor



(C). Workshop : Not available.

6.4.5: Conduct of Practical and Hand-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 involved as much 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 knowledge as per the curriculum in laboratory and via Lab manuals. The students are getting hands-on-training under Experiential Learning Programme.

6.4.6: Supervision of students in PG /Ph.D. students: N.A.

6.4.7: Feedback of stakeholders:

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?

Feedback of stakeholders (Students, parents, industries, employers, farmers etc.):

There is a well developed mechanism for seeking feedback from students regarding teaching-learning process. University developed proforma has to be provided to students every year on last day of examination in order to record their responses/queries related to syllabus, course outline, teaching, lab. and about other facilities. The summary on course/ course outline, teamwork opportunity, expert lectures and visits, teacher students relationship, assignments, hostel, library, good point of teaching difficulties and suggestions are shared among the faculty for further reference and follow up.

6.4.8: Student intake and attrition in the programme of last five years:

The admission to various programmes is done strictly in order of merit-cum-reservation, based on the aggregate marks obtained by the candidates in the Combined Agricultural and Technology Entrance Test (UPCATET). The admission notifications for UG degree programmes are notified in important newspapers and also in all colleges of the University. The notification also contains the courses offered at different campuses at UG minimum qualifications prescribed for seeking admission. The entrance examination conducted on All India basis during May-June every year.

Name of Degree Programme	Actual student admitted in last five years					Attrition (%)				
	15-16	16-17	17-18	18-19	19-20	15-16	16-17	17-18	18-19	19-20
B.Sc. (Hons) Ag.	60	58	73	18	23	03	-	-	-	-

6.4.9: ICT Application in Curricula Delivery:

Access and computing facility has also been developed in the Colleges, Library and Administrative Building to impart qualitative teaching, learning and extension education activities of the college.

In addition, the College has smart classroom and laboratories with all required facilities of undergraduate programmes in building. 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.

6.4.10: The information pertaining to 6.4.1 to 6.4.9 shall be provided for each one of UG, PG and Ph.D. Degree Programmes and to be presented College-wise: **Complied**

6.4.11: Since the accreditation of Programmes is related to the All India Admission from ICAR and also having weightage for College accreditation, therefore the data presented in the section 6.4 is liable to the verification at any stage

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6.4.12 Certificate (Applicable when SSR is submitted for Programme)

I, Dr. R.K. Yadav, Dean Acting, College of Agriculture, Lakhimpur Kheri (Campus) 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.



(R.K. Yadav)

Dean, College of Agriculture,
Lakhimpur Kheri (Campus)

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6.5.1 College administration:

The Dean of the College is a whole-time 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: Dean Office is established in campus. Acting Dean holds the office.

Infrastructure available in the Dean's Secretariat:

Dean Agriculture Chamber (Ground Floor)	1
PA Office	1
Toilet	1
Dean Office	1
Assistant Registrar	1
Supporting Staff	1
Committee Room	1
Confidential Room	1

Common Toilet (Ground Floor)

Female Toilet	1
Handicap Toilet	1
Male Toilet	1

Facilities available in the Dean's Secretariat:

1. Broadband internet connectivity
2. Reprographic facilities (Photocopiers)
3. Laser printers (Black and with printers with scanning facility)
4. Colour printer
5. Visitor sofa set (3+2+2)
6. File storage facility (Steel/Wooden Almirah, Cabinets and Compactors etc.).
7. Air conditioned Dean's office attached toilet facility.
8. Desktop computers
9. Laptop computers for seminars and other presentation.
10. Projectors and display screens
11. Television
12. Dean's Committee Room along with furniture and projection facilities.
13. Strong room for examination and confidential purposes
14. Office for Personal Assistant to Dean along with Desktop computer printer.
15. Account section (Assistant Comptroller)
16. Administrative Office (Assistant Registrar)

6.5.1.2 Monitoring Mechanism for Quality Education (On line):

Quality teaching is the lifeline of the college. The assurance and improvement of teaching quality possess long-term effective quality control and monitoring. College ensures the steady improvement of teaching quality and meet the basic requirements of sustainable development and enhance the abilities, which adapt to the market demands, these will promote rational use of the college educational resources and continuously raise and

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improve the quality of personnel training and form the system of teaching quality which is an effective and continuous improvement. The college internal quality assessment assurance system includes:

1. Following Course curriculum as per ICAR-V Deans' Committee recommendation for undergraduates.
2. Frequent visits of Dean in classrooms and laboratories to monitor quality of instructions and methods of delivery.
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 and PG programmes is in place.
6. External evaluation system in practical examinations of UG programme is in place.
7. 80% presence in individual course is essential to appear in final examination.

6.5.1.3 CC/Board of Studies:

It is expected that committee meetings will be held soon for structuring the departmental courses as per guidelines of Fifth Dean's committee of ICAR along with incorporation of local needs. The Board of Studies has also been constituted for the College of Agriculture and the recommendations of courses committees will be approved as per suitability and needs of the locality.

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 5 th Dean Committee recommendations
2.	Board of Faculties	15.10.2016	72	5 th Dean Committee recommendations forwarded to Academic Council for adoption

*- It includes the faculties from College of Agriculture, Kanpur & Lakhimpur Campus, Horticulture & Forestry, Kanpur

Members of the Board of studies:

1. Prof. (Dr.) R.K. Yadav, Dean (Agriculture) Chairman

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2.	Dr. Kaushal Kumar, Professor	Co-chairman
3.	Dr. Ranvir Singh, Guest Faculty/Teaching Associate	Member
4.	Dr. Atendra Singh Yadav, Guest Faculty/Teaching Associate	Member
5.	Dr. Himanshu Mishra, Guest faculty/Teaching Associate	Member
6.	Smt. Shikha Shukla, Guest faculty/Teaching Associate	Member
7.	Dr. Raj Kumar, Guest Faculty/Teaching Associate	Member
8.	Sri Amit Verma, Guest Faculty/Teaching Associate	Member
9.	Sri Sanjay Kumar Tripathi, Guest Faculty/Teaching Associate	Member

6.5.1.4 Anti Ragging Cell:

Anti-ragging cell is working in the college under the chairmanship of the Dean. 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.

Committee (Anti-Ragging Cell):

S.N.	Name and Designation		Contact No.
1.	Dr. R.K. Yadav, Dean (Agriculture)	Chairman	9415153756
2.	Dr. Kaushal Kumar, Professor	Co-chairman	9450159644
3.	Dr. Ranvir Singh, Guest Faculty/ Teaching Associate	Member	9169600595
4.	Dr. Atendra Singh Yadav, Guest Faculty/ Teaching Associate	Member	7071010700
5.	Dr. Himanshu Mishra, Guest faculty/ Teaching Associate	Member	9695380109
6.	Smt. Shikha Shukla, Guest faculty/ Teaching Associate	Member	9685355345

6.5.1.5 Biological waste disposal facility:

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 like crop residues are incorporated in the soil for manuring. The other collected biological waste (weeds etc.) are properly disposed-off by keeping in pits especially prepared for the purpose. The permanent sick plots for screening against fungal diseases are fixed at the outskirts of the boundary of the University and

ensuring drain safety of the drinking/irrigation water. The inoculums load is being monitored regularly. The seeds and crop residue produced out of these sick plots are again incorporated in same sick field to increase inoculum load and sickness due to pathogens. College has compost and Vermi-Compost pits for decomposition of organic waste.

6.5.1.6 Institutional Ethics Committee for Experiment on Animals:

The college primarily belongs to plant sciences and presently no animal is being reared/maintained for experimental purpose.

6.5.1.7 Committee for Prevention of Sexual Harassment of Women at Work Place:

As per University Grants Commission Regulations - 2015 on “**Prevention, Prohibition and Redressal of Sexual Harassment of Women employees and students**”. The Committee consisting of the following:

Committee (Sexual Harassment of Women):

S.N. Name and Designation

- | | | |
|----|---|----------|
| 1. | Smt. Shikha Shukla, Guest Faculty/ Teaching Associate | Chairman |
| 2. | Smt. Rashmi, Computer Operator | Member |

6.5.2 Faculty**6.5.2.1 Faculty Strength:****Table: Sanctioned faculty position in the College.**

SN	Sanctioned Faculty	Faculty in place	Vacant position	Faculty recommended by the ICAR/UGC/VCI/ other regulatory bodies
1.	Dean	01	01	01
2.	Professor	02	02	01
3.	Associate Professor	07	07	05
4.	Assistant Professor	18	18	17
	Teaching Associate for the academic year 2020-21	07	-	-

6.5.2.2 Faculty Profile (department-wise):

The quality of the faculty is vital to promote academic 'excellence in teaching, research and extension pursuits. Imparting quality education in different branches of agriculture, initiating research and undertaking extension of such sciences to the rural people of the State in particular and the country in general is the only mandate of Agricultural Universities. Though, all the three activities have their own individual relevance and importance in general, the faculty associated with teaching and research activity are relatively more in number compared to extension staff. It is so because the Agriculture college of the State Government have the major mandate of teaching.

Faculty Profile (department wise)**Faculty Profile (Department Wise)**

S.No.		Department	Designation
1.	Dr. R.K.Yadav	Genetics and Plant Breeding	Professor/Dean
2.	Dr. Kaushal Kumar	Soil Conservation and water management	Professor
3.	Dr. Naushad Khan	Agronomy	Professor
4.	Dr. R. K. Singh	Maths	Asstt Professor

5.	Dr. S.K. Biswas	Pathology	Professor
6.	Dr. Ram Singh	Entomology	Asstt. Professor
7.	Dr. A. K. Srivastava	Agronomy	Professor

Name of Guest Faculty/Teaching Associate:

1.	Dr. Ranvir Singh	Soil Science
2.	Dr. Himanshu Mishra	Horticulture
3.	Smt. Shikha Shukla	English
4.	Sri Atendra Singh	Mathematics
5.	Dr. Raj Kumar	S.C.W.M.
6.	Sri Amit Verma	Computer
7.	Sri S. K. Tripathi	Plant Physiology
8.	Sri Satyendra Kumar	Animal Science and Dairy Tech.
9.	Sri Morjdhwaj Singh	Plant Pathology

6.5.2.3 Credentials of the faculty:

Dr. R.K.Yadav:

He has twenty eight years teaching research and extension experience. He Joined as Assistant Oilseed breeder / Assistant Professor on October 17, 1992 at a very young age (23 year) and elevated to the rank of Professor and serving as Dean, College of Agriculture, Lakhimpur Kheri (Campus).

Research:

- Breeding for development of varieties in the crops namely, Wheat variety K-1317 and Barley variety K-1055 (Prakhar).
- More than **125 research papers published** in the International/ National reputed research Journals
- More than 50 conference/seminar/training/workshops attended.
- Discharging the responsibility of **Dean, College of Agriculture, Lakhimpur Kheri Campus.**
- Execute the financial and administrative responsibilities of the AICRIP Wheat and Barley Improvement Scheme.
- Execute the administrative responsibilities of the Paddy non-plan scheme.

Teaching:

- Teaching at different UG, PG and Ph.D. level courses related to Genetics and Plant Breeding, and Plant Biotechnology.
- Supervised six Ph.D (three guiding) Students & 20 PG Students (two guiding)
- Acted as the examiners of various universities/Member of various Research Advisory committees.
- Twenty three Text Books, and practical manuals published.
- Coordination, formation, and monitoring of research programmes of Genetics and Plant Breeding.
- Served as the Member, UP Secondary Education Council, Allahabad, UP.
- Served as the Member Manyata Samiti UPSEC, Allahabad, U.P.
- **Fifteen Awards** conferred including Dr. Rajendra Prasad ICAR National Award-2012
- Discharging the administrative responsibility of Dean, College of Agriculture, Lakhimpur Kher Campus.

Extension:

- Disseminating agro-techniques for benefitting to the farmers through organizing trainings, Goshthi, field days and publishing popular articles.

Coordination:

- Coordinate the Research Advisory Committee Meeting (Kharif and Rabi crops) As a Incharge, Department of Genetics and Plant Breeding from July, 2014 to June2016.
- All India Wheat and barley improvement project/scheme and Departmental basic research during 2015-2016 As a Incharge, All India Wheat and barley improvement project/scheme from Jan, 2015 to July 2016.
- RAC meeting Proceedings 2014-15 and 2015-2016 (Kharif and Rabi) As a Incharge, Department of Genetics and Plant Breeding from July, 2014- June, 20162 during 2014-15 and 2015-16.
- Served as the **Coordinator** of mid- term examination, in the year 2008 of CSAUA&T, Kanpur-208002.
- Served as the **Associate coordinator** of mid- term examination, in the

year 2009 of CSAUA&T, Kanpur-208002.

- Acted as Co-Coordinator of Legal Cell of CSAUA&T, Kanpur-208002.
- Acted as Member/Co-Coordinator of Promotion and Recruitment Cell

Management:

- Serving as the Dean college of Agriculture, Lakhimpur Kheri Campus from March 2019 to till date.
- Served as the Incharge (HOD) Deptt. of Genetics and Plant Breeding from July 2014- June 2016.
- Served as the HOD Deptt. of Agri-business Management from July 2014- June 2016.
- Served as the Incharge, Rabi Cereals section from July 2014- June 2016.
- Conduct and Coordinate the Research Advisory Committee Meeting (Kharif and Rabi) As a Incharge, Department of Genetics and Plant Breeding from July, 2014-June, 2016(crops)
- Served as the Games President, CSAUA&T, Kanpur-208002
- Served as President of organizing committee of Games and Sports, CSAUA&T, Kanpur
- Elected as a faculty representative Agriculture twice in the university from 2005-2009.
- Served as Hostel Warden and games councillor

Awards (Dr. R.K. Yadav):

1. **Distinguished Scientist Award** -2015 by Astha Foundation & Rajmata vijya Raje Syndiya Uni. of Ag. Tech. Gwalior.
2. **Dr. Ziauddin Ahmad Vishishth Krishi Vigyanic Puraskar-2016** (Crop Improvement in **Wheat**) by Uttar Pradesh Academy of Agricultural Sciences, Lucknow.
3. **Gold Medal Award-2016** by Society for Resent Development in Agriculture & Noida International University, Greater Noida.
4. Distinguished Scientist Award – 2018 by Society for Resent Development in Agriculture at **Bali, Indonesia.ICN Award – 2018 in Agriculture Education** by Indian Citizen News (ICN Digital Group)
5. **ICN Award – 2019 in Agriculture Education** by Indian Citizen News (ICN Digital Group)

6. ICN International Award – 2020 in Agriculture Education by Indian Citizen News (ICN Digital Group)



Publications:

1. Tripathi, Nisha, Shweta, Yadav, **R.K. Yadav** and Paswan, S.K. (2015) Study on Genetic variability, correlation and path coefficient, analysis of different quantitative traits in Bread wheat. **Progressive Research**, 10: (Special-iv) 1971-1975.
2. P. C. Yadav, **R. K. Yadav**, Vishwanath, Yogesh Pandey and Sanjeev Kumar (2016-17). Heterosis and inbreeding depression for seed yield and its related traits in Linseed (*Linum usitatissimum* L.). **International Journal of Current Microbiology & Applied Sciences** vol. 7 (1), 3088-3098.
3. P C Yadav, **R K Yadav**, Vishwanath, Yogesh Panday and Sanjeev Kumar (2017). Stability and corelation analysis for yield and its component traits in Linseed (*Linum usitatissimum* L.) based on **Journal of Pharmacognosy and Phytochemistry**, SP (1): 274-277.
4. Amardeep, Shweta, Mahak Singh, Lokendra singh, **R. K. Yadav** and Malik Piyush (2017-18): Correlation and genetic divergence analysis for seed yield and its contributing characters in oat (*Avena sativa* L.). **Int. J.Pure App. Biosci.** 7(3): 417-477.
5. Piyush Malik, Sanjay Kumar Singh, Lokendra Singh, Sarvendra Kumar, P.K. Gupta, S.Kumar, **R.K. Yadav**, Amardeep and Ankit Kumar (2018). Correlation and path analysis for seed yield and its contributing characters in Barley. **Int. J. pure App. Biosci.** 6 (6): 875-879.
6. Singh Dharmendra, Singh Chandan Kumar, Singh Yash Pal, Singh Vijayata, Singh Rajendra, Tomar Ram Sewak Singh, Sanwal Satish Kumar, Karwa Sourabh, Mishra Vinay Kumar, Sarkar Susheel Kumar, Pal Madan, Kumar Arun, **Rajendra Kumar Yadav**, Sharma Parbodh Chander (2018). Evaluation of cultivated and Wild genotypes of lanse species under alkalinity stress their molecular collocation using microsatellite marker. **PLOS Journal, PLOS ONE 13(8)**: e0199933. <https://doi.org/10.1371/journal.pone.0199933>.
7. Hemant Kumar, Ripudaman Singh, DD Yadav, M Saquib, VP Chahal,

- Ruchi Yadav, Omkar Singh Yadav and **R.K. Yadav (2018)**. Interaction effect of different levels of potassium and varieties on performance of chickpea. *International journal of Chemical studies*. 6(6): 1681-1683.
8. Jagdish Prasad Chaurasiya, Mahak Singh, **R.K. Yadav** and Lokendra Singh (2018). Heterosis and combining ability analysis in Indian mustard (*Brassica juncea* (L.) Czern and Coss). *Journal of Pharmacognosy and Phytochemistry*, 7(2): 604-609.
 9. Jagdish Prasad Chaurasiya, Singh Maha, **R.K. Yadav**, Singh Lokendra and Yadav H.C. (2018). Genetic analysis for estimate components of genetic variance in Indian mustard. *The Pharma innovation Journal*. 7(2):104-107.
 10. **Yadav P. C, Yadav R. K, Vishwanath, Pandey Y and kumar Sanjeev (2018)** Study on generation mean analysis for quality traits in Linseed (*Linum usitatissimum* L). based on *International Journals of Microbiology Research* vol. 10 (3) 1097-1103.
 11. **Vishwanath, Singh. L, Yadav P. C, Kumar S, Singh H. C, Yadav R. K, Pandey, Yogesh and Gupta S (2018)**. Assessment of Genetic Variability and Selection Parameter for Yield contributing traits in Maize (*Zea mays* L.) based on *Journal of Pharmacy*, Volume 8(7):01-03.
 12. S.V. Singh, R.K. Yadav, Sheoraj Singh and S.P. Singh (2018). Heterosis and inbreeding depression for yield components and quality traits over environments in wheat (*Triticum aestivum* L.). *Progressive Research-An International Journal*, 13(3): 238-242.
 13. Shweta, Singh Vaibhav, **Yadav R. K.**, Gupta Servendra and Rai Geeta, (2018). Correlation and path coefficient analysis of yield and yield associated trades in field pea. *An International Refereed, Peer Reviewed & Indexed Quarterly Journal in Science, Agriculture & Engineering*. VIII, special issue (A): pp 22-25.
 14. Kumar Prabhakar, **Yadav R. K.** and Rai J. (2018). Economic analysis of scented rice production in Etawah District of Uttar Pradesh. *Ann. Agric. Res., New Series Born*, 39 (3): 1-5.

15. Amardeep and Ankit Kumar (2018). Correlation and path analysis for seed yield and its contributing characters in Barley. ***Int. J. pure App. Biosci.*** 6 (6): 875-879.

16. Singh, Balwan; Singh, Babu; Rai, J. Singh; **R.K. Yadav**; Virendra Kumar; Singh, Tej; Shukla, Abhishek and Kumar, Mahendra (2018), To analyse the nature and extent of diversification on marginal and small farms of Kanpur Dehat (UP). *Journal of Pharmacognosy and phytochemistry*, **7**(3):1403-1406.

17. Prabhakar Kumar, S.B. Sapkal, J. Rai and **R.K. Yadav (2019)**. Resource Use Level and Yield Gap Analysis of Sugarcane Farms in Maharashtra. ***Journal of Community Mobilization and Sustainable Development***. Accepted. ICAR- Indian Agriculture Research Institute New Delhi – 110012 : No. : 05, Mob/19 Date: 24.12.2019.

18. Dharmendra Singh, Chandan Kumar Singh, Kishor U Tribuvan, Punit Tyagi, Jyoti Taunk1 , Ram Sewak Singh Tomar, Shanti Kumari, Kuldeep Tripathi, Ashok kumar, Kishor Gaikwad, **Rajendra Kumar Yadav** and Madan Pal. Development, characterization and cross species/genera transferability of novel ESTSSR markers in lentil, with their molecular applications. **(2020)**. Plant Molecular Biology Reporter <https://doi.org/10.1007/s11105-019-01184-z>.

19. P. C. Yadav, **R. K. Yadav**, Vishwanath and Laxmi Prajapati **(2020)**. Stability analysis over environments in Linseed (*Linum usitatissimum* L.) varieties based on ***International journal of Chemical studies***, Volume: 8(4):2909-2912.

20. Viveka Nand Yadav, Mahak Singh, **RK Yadav**, HC Singh, Alok Kumar Maurya, Anil Kumar Singh and Sri Govind Singh **(2020)**. Genetics of seed yield in Indian mustard [Brassica juncea (L.) Czern. & Coss.] under late sown environment. ***Journal of Pharmacognosy and Phytochemistry*** 9(4): 249-254

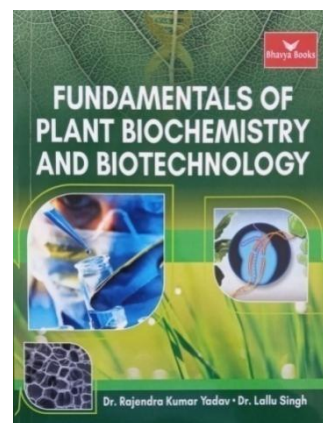
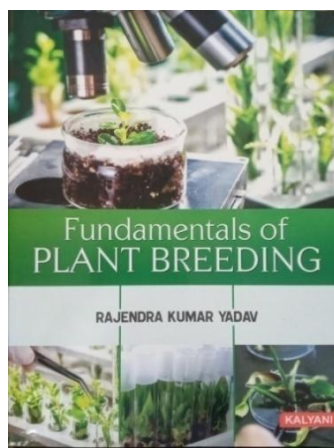
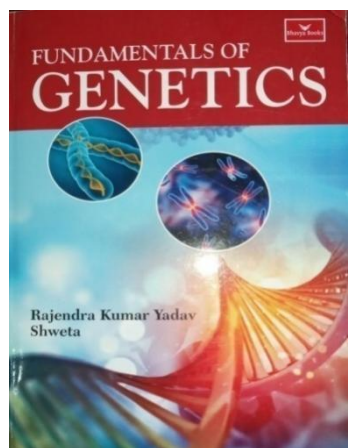
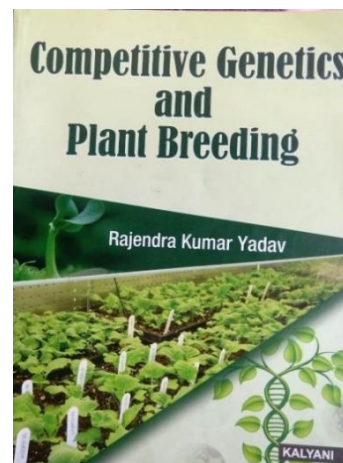
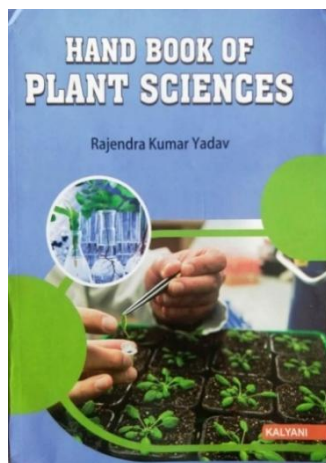
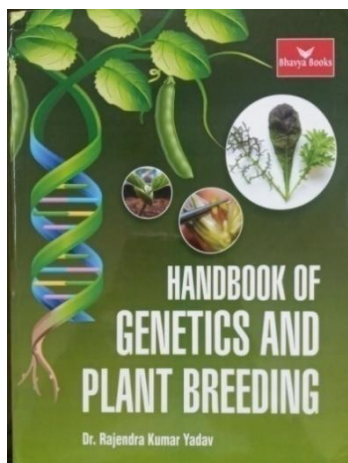
21. Suneel Kumar, Yadav P.C, **Yadav R.K**, Vishwanath, Yadav V.K, Sanjeev Kumar and Divya **(2020)** Effect of climate on the genetic

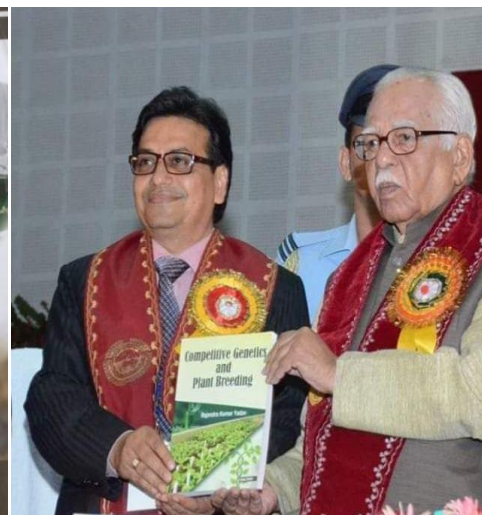
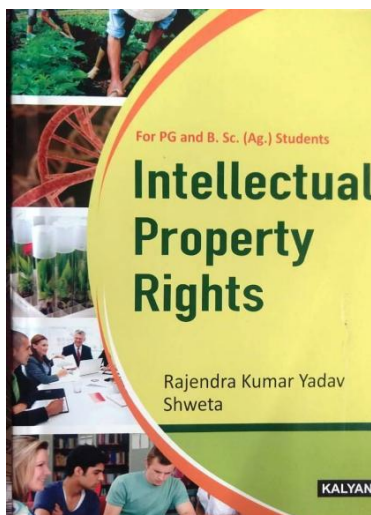
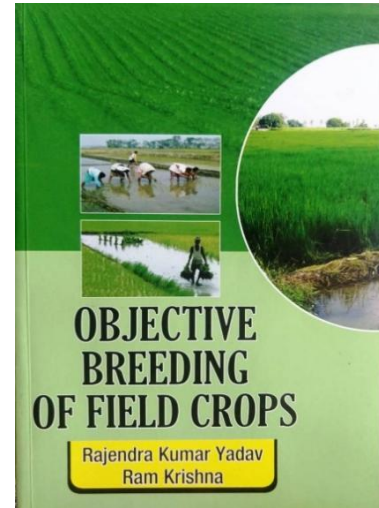
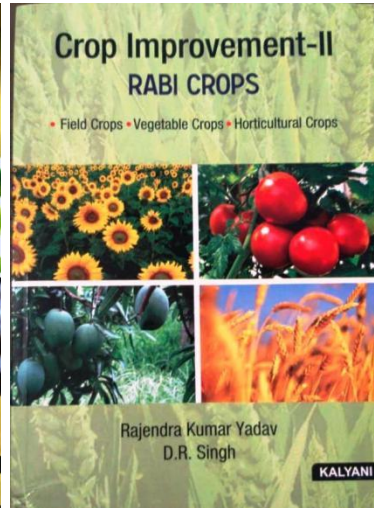
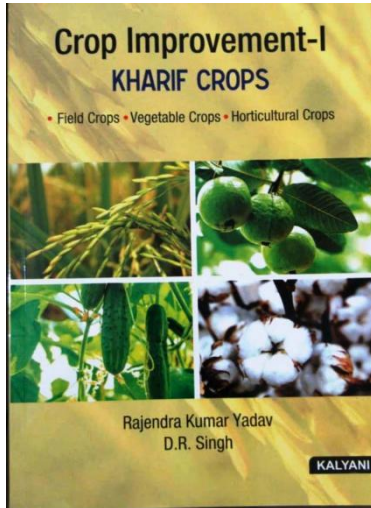
analysis and selection parameter in Table Pea (*Pisum sativum* L.).
International Journal of Agriculture Sciences, Volume 12:9501-9503.

Book Published:

S.N.	Title	Authors	Year	Publishers
	a. Text Books			
1.	Competitive Genetics and Plant Breeding	R. K. Yadav	2015	Kalyani publishers
2.	Intellectual Property rights	R. K. Yadav and Shweta	2018	Kalyani publishers
3.	Hand Book of Plant Sciences for ICAR JRF Examination	R. K. Yadav	2019	Kalyani publishers
4.	Fundamentals of Genetics	R. K. Yadav and Shweta	2020	Bhavya Books Publishers
5.	Principles of Plant Breeding	R.K.Yadav	2020	Kalyani Publishers
6.	Crop Improvement-I (Kharif Crops)	R.K.Yadav and D.R.Singh	2020	Kalyani Publishers
7.	Crop Improvement-II (Rabi Crops)	R.K.Yadav and D.R.Singh	2020	Kalyani Publishers
8.	Phasal Sudhar-I (Kharif Crops)	R.K.Yadav and D.R.Singh	2020	Kalyani Publishers
9.	Phasal Sudhar-II (Rabi Crops)	R.K.Yadav and D.R.Singh	2020	Kalyani Publishers
10.	Hand Book of Genetics and Plant Breeding for ARS Examination	R.K.Yadav	2021	Bhavya Books
11.	Principles of Biochemistry and Biotechnology	R.K.Yadav and Lallu Singh	2021	Bhavya Books
12.	Hand book of Agriculture Entrance Examination	Mohd. Sahid and R.K. Yadav	2021	Write and Print Publication
13.	Handbook of Agricultural Biotechnology for ICAR, ARS, NET, SRF and other Competitive Examinations	R.K. Yadav and Mohd. Sahid	2021	Bhavya Books
14.	A Handbook of Plant Biotechnology (For ICAR, JRF Examinations)	R.K. Yadav	2021	Kalyani Publishers
	b. Practical manuals			
15.	Laboratory Manuals on Fundamentals of Genetics	R. K. Yadav and Shweta	2017	Army Press, Lucknow
16.	Fundamentals of Plant Breeding Practical Manual	R. K. Yadav and Shweta	2018	Army Press, Lucknow

	c. Other Publications			
17.	Atlas Economic Botanist	H.G. Prakash, R.K.Yadav <i>et al.</i>	2015	Singh and Singh Publication
18.	Souvenir on Harnessing Potential of Traditional and Modern technology for Sustainable Agriculture	R. K. Yadav, Shweta et al.	2018	Univ. Press
19.	Placement Brochure, MBA Agriculture	R. K. Yadav, Pooja Singh	2019	Univ. Press
	d. Book chapters -15			
20.	12- Chapters	Published in book entitled Hand Book of Plant Sciences	2019	Kalyani Publishers
21.	3-Chapters	Published in book entitled Atlas Economic Botanist	2015	Singh and Singh Publication





Dr. Kaushal Kumar:

Dr. Kumar has eighteen years teaching research and extension experience. He Joined as Assistant Professor and elevated to the rank of Professor.

Teaching

- **National Eligibility Test (NET) qualified alongwith Senior Research Fellowship (SRF) awardees'** from ASRB, ICAR, Krishi Anusandhan Bhawan, New Delhi
- Imparting in **teaching of more than 26 courses** per year at UG, PG and Ph D level in College of Agriculture/ Forestry/ Home Science

Self Study Report

- Worked as **Teaching Incharge**, College of Forestry from September 2nd, 2015 to till date
- **Act as Coordinator of Work Experience in Forestry on MAPs** organized for B.Sc. forestry, VIIth semester.
- **Technical Advisor of Experiential learning** for B.Sc. forestry, VIIIth semester
- Worked as **Programme Officer, NSS, unit-I**, College of Agriculture from 27th July,2007 to 19th September, 2014
- Worked as **Programme Coordinator, NSS, CSAUAT, Kanpur** from 6th may ,2009 to 19th September, 2014
- Involved in evaluation of various internal and external theory and practical examinations at UG, PG and Ph. D levels
- Performed duty in various examinations at UG & PG level as invigilator/ member of flying squad
- **Appreciation by HOD** of the Department of SCWM/Forestry for excellent contribution in teaching, research and extension as well as excellent contribution in WEF programme
- **Appreciated 6 times by Hon'ble Vice Chancellor** for successful organization of 4th UP Agriculture congress, university Agri-sport & Games meet, training programme on Agriculture Research with relation to IPR, commendable efforts toward awareness and motivation of students regarding agricultural Education and cultural programme for their overall development

Research

- **4 Adhoc Project handled as Principal Investigator and 4 Project as Co-Principal Investigator**
- **Associate Coordinator**, Departmental Research Advisory Committee, SCWM
- **Organized 5 National Seminar:**
 - (i) Forest Resource Management on November 15-17, 2003

- (ii) Forestry-Ecological Security and Sustainable Development on March 30-31, 2006
- (iii) Food Security in Context of Changing Climate from Oct. 30 to Nov. 1st, 2010
- (iv) Alumni meet & National conference on “Farmers’ Centric Agri-innovation for sustainable Development” held at CSAUA&T, Kanpur from February 18-19, 2017
- (v) Souvenir and abstract of training programme ”Agricultural Research with relation to IPR” jointly organized by CSAUAT, Kanpur & IPR Cell, UPCAR, Lucknow from August 16-17, 2017 at CSAUAT, Kanpur
- (vi) International conference on Sustainability of Smallholder Agriculture in Developing Countries under Changing Climatic Scenario AGRICON-2018 from February 14-17, 2018
- **Established a High-tech herbal Garden** in the university containing more than 176 rare Medicinal and Aromatic Plants for *ex-situ* conservation as well as to demonstrate low cost remedy for human and animal health.
- **Establishing a High-tech Agro-forestry nursery to develop the quality planting material of selected tree species** at Student Instructional Farm of the university under National Agroforestry Mission Project.
- **Developed low cost production technology**, post harvest management, processing, value addition and marketing of 20 medicinal and aromatic plants as well as 2 Bio-Diesel plants *i.e.* Jatropha and Karanja
- Member, Multidisciplinary working group for research programme on development of organic Package of Practices of various crops and cropping system
- Regularly attend the Research Programme Meeting for *Rabi* and *Kharif* of our department and other related department of the university.

Extention

- **Conducted more than 30 OFTs/FLDs** on farmers field
- **Organized 4 Trainers Trainings and 10 Farmers Training programmes** on development of QPM, modern agro-technique, post harvest management, value addition and marketing of Medicinal and aromatic Plants
- Master Trainer of watershed management, Medicinal and Aromatic Plants, TBOs Jatropha and Karanja.
- Published more than **110 Agromet Advisory Service (AAS) Bulletins** for the South west semi arid zone and 40 Agromet Advisory Bulletins for the Central Plain zone on the basis of weather forecast given by NCMRWF, MausamBhawan, New Delhi during Feb27, 1999 to July 4, 2001.
- **Published more than 10 folder/ Pamphlets and 2 books** for farmers, student and extension workers on modern agro-techniques of poplar, Jatropha, Pongamia, Agro-techniques of different medicinal and aromatic plants, IPNM, Soil and water Testing and managements of salt affected soils.
- **Organized Brain storming meeting** to decide the mandate for the different departments of College of Agriculture in global perspective and to identify the priority area of basic and applied research in different subjects as well as **raising income** in the University.
- Actively involved organization of the Kissan Melas/ Krashak Gosthi organized twice in a year during 3rd to 5th March/October.
- Guest speaker of Forest Training Institute, Kanpur, FFDC, Kannauj, CIMAP and other institute

Others

- Worked as **Associate Dean, Student welfare**, C.S.A.U.A.&T., Kanpur
- Worked as **Cultural Counselor**, C.S.A.U.A.&T., Kanpur
- Worked as **Warden, Patel Hostel,RSRP Hostel and Shekher Hostel** C.S.A.U.A.&T., Kanpur

Self Study Report

- Working as **Associate Incharge, Entrepreneur Cell**, C.S.A.U.A.&T., Kanpur
- Served as **Programme Coordinator, National Service Scheme** of University from 6th June, 2009 to 19th August, 2014
- **Selected 4 slums/ year for educational and social awareness** regarding health and hygiene, national integrity, dowry, HIV/AIDS, Female feticide, importance of voter, clean and green environment
- **Conducted at least four one day camp and one special 7 days camp per year** successfully during 2007 to 2014.
- **Organized 21 Tree Plantation Programme and planted more than 21 thousand plants in last 8 years** through the NSS Volunteers in the university campus and other surrounding places in which 76 per cent tree survive.

Publications and Seminar/Symposia/Workshop/Trainign attended

Research Publication

2015

S.No.	Publication
1.	Ansari, M.H., Verma, B.K., Ansari, M.A., Mishra, Dushyant, Srivastava, A.K., Khan, Naushad and Mohd. Saquib (2015) Impact of cropping pattern on grow, yield, attributes and system productivity of citronella (<i>Cymbopogon winterianus</i> L.) pulses intercropping system in Central India. <i>Indian Journal of Agricultural Sciences</i> , 85 (3): 100–104.
2.	Biswas, S.K. Sahu, P.K. Bahar, Javed Kumar, Amrendra Kumar, Santosh and Charul Kanchan (2015) Evidences of variable response to spot block in different wheat varieties. <i>The Bioscan</i> , 10 (4): 1695-1699.
3.	Singh, Babu, Birendra Kumar and Singh, Rakesh Kumar (2015) Participation of women in agricultural works: a study of Farrukhabad District of U.P. <i>Indian Journal of Agricultural Economics</i> , 70 (3):427.

2016

S.No.	Publication
4.	Mishra, Yogesh, Biswas, S. K. , Kishan Lal, Prem Naresh, Amlan Sushree and Narendra Kumar (2016), Sustainable integrated approach for management of early blight and their effect on crop growth parameters in tomato. <i>The Bio Scan.</i> , 11 (1): 133-139
5.	Pal, M.; Kumar, Munish; Kumar, Kaushal and Srivastava, A. (2016) Physico-chemical properties and erosional behaviour of soil of Shahpur-Basdev watershed of district Hardoi treated under various conservation measures and land uses. <i>J. of Soil & Water Conservation</i> 15(1): 87-91.
6.	Singh, Babu , Birendra Kumar, Singh, Rakesh Kumar and Singh, Anjani Kumar (2016), Assured irrigation effect on income and employment in farming of Uttar Pradesh : A case study of Central plain zone and Bundel khand region <i>Indian Journal of Agricultural Economics.</i> , 71 (3):423.
7.	Singh, Morajdhwaj, Biswas, S.K. , Nagar, Devesh, Kishan Lal and Singh, Jaskaran (2016), Impact of Bio-fertilizer on Growth Parameters and Yield of Potato. <i>Int.J. Curr. Microbiol. App. Sci.</i> , 6 (5): 1717-1724.

2017

S.No.	Publication
8.	Ansari, M.H., Yadav, R.A., Siddiqui, M.Z., Ansari, M.A., Khan, Naushad , Mishra, Dushyant, Karam Husain (2017), Efficiency of crop establishment techniques and weed control measure on weed dynamics:weed control efficiency and productivity in rice (<i>Oryza sativa</i>). <i>Indian Journal of Agriculture Sciences</i> , 87 (8):1084-1088.
9.	Ansari, M.H., Yadav, R.A., Siddiqui, M.Z., Ansari, M.A. and Khan, N. (2017), Efficacy of brown manure and weed management approaches to improve the production and weed control efficiency in transplated rice. <i>Journal of crop and weed.</i> , 13 (1):142-150.
10.	Chaudhary, Sanjai, Khan, Naushad , Singh, Uday Pratap, Pyare

Self Study Report

	Ram, Singh, Y.K., Srivastava, A.K., Verma, V.K. and Chauhan, Gautam Veer (2017), Effect of integrated nutrient management on productivity and economics of wheat (<i>Triticum aestivum</i> L.). <i>Indian Journal of Agronomy</i> , 67 (4):476-480.
11.	Kaushal Kumar , Munish Kumar and Anil Kumar (2017), Soil erodibility assessment under various conservation measures at Babina watershed in Bundelphand region. <i>Indian J. of soil conservation.</i> , 45(1): 89-95.
12.	Khan, N. , Chaudhary, S., Siddiqui, M.Z., Yadav, R.A. and Husain, K. (2017), Effect of weed management options and nitrogen scheduling on weed dynamics and yield of wheat (<i>T. aestivum</i> L.) under central plain zone of Uttar Pradesh. <i>Indian Journal of Agronomy</i> , 62 (4):464-469.
13.	Kumar, Rakesh, Biswas, S. K. , Kumar, Virendra, Lal Kishan, Kumar, Upesh and Chowdary, Vallabhaneni (2017), Synthesis of defense enzymes in potato in induced resistance against late blight using inorganic chemicals as inducer. <i>Plant Pathology Journal</i> , 16 (3-4):130-137.
14.	Lal Kishan, Singh, Pappu, Biswas, S. K. , Yadav, Supriya, Virendra Kumar and Narendra Kumar (2017), Suitable integrated approach for management of <i>Fusarium</i> wilt of tomato caused by <i>Fusarium oxysporum</i> f. sp. <i>lycopersici</i> (Sacc.). <i>Journal of Pure and Applied Microbiology</i> , 11 (2): 953-961.
15.	Nagar, Devesh, Biswas, S. K. , Singh, Morajdhwaj and Singh, Jaskaran (2017), Evaluation of <i>in-vitro</i> Efficacy of Different Plant Extracts against <i>Phytophthora infestans</i> (Mont.) de Bary. <i>Int. J. Curr. Microbiol. App. Sci.</i> , 6 (6): 412-417.
16.	Praveen Kumar, Biswas, S.K. , Virendra Kumar and Kishan Lal (2017), Epidemiological Studies on Early Blight of Potato under Climate Change and its Co-Relation with Disease Severity. <i>Int. J. Curr. Microbiol. App. Sci.</i> , 6 (5): 1725-1736.

17.	Singh, Babu, Kumar, Birendra, Singh, Anjani Kumar and Singh, Rakesh Kumar (2017), Diversification effect on livelihood in Bundelkhand region of Uttar Pradesh. <i>Indian Journal of Agricultural Economics</i> , 72 (3):479.
18.	Singh, Jaskaran, Biswas, S.K. , Nagar, Devesh, Singh, Ravindra and Singh, Morajdhwaj (2017), <i>In vitro</i> antifungal activities of common weed extracts on mycelial growth of <i>Alternaria solani</i> (Ell. and Martin) Jones and Grout. <i>Int. J. Curr. Microbiol. App. Sci.</i> , 6 (8): 2636-2642.
19.	Surjeet Kumar, Biswas, S. K. , Virendra Kumar, Kishan Lal, Bansal, Anuj and Chowdary, V. Tilak (2017), Induced Resistance in Potato against Late Blight Caused by <i>Phytophthora infestans</i> (Mont.) De Bary, Through Calcium Chloride. <i>Int. J. Curr. Microbiol. App. Sci.</i> , 6 (8): xx-xx.
20.	Virendra Kumar, Biswas, S. K. , Kishan Lal, Naga, Devash r and Chowdary V. Tilak (2017), Induced Resistance in Potato against Early Blight Caused By <i>Alternaria solani</i> (Sorauer) Through Plant Extracts as Inducer <i>Int.J.Curr.Microbiol.App.Sci.</i> , 6 (8): xx-xx.

2018

S.N.	Publication
21.	Ansari, M.H., Ansari, M.A., Yadav, R.A., Siddiqui, M.Z. and Khan, Naushad (2018), Weed control and productivity studies in direct seeded <i>Oryza sativa</i> L. through <i>Sesbania</i> Brown. <i>Bangladesh J. Bot.</i> , 47 (2):227-235.
22.	Chaudhary, Santosh Kumar, Yadav, M.P., Yadav, D.D., Khan, Naushad , Mahto, D.K., Yadav, Sushil Kumar and Singh, Anjani Kumar (2018), Response of need based nitrogen application on growth and yield of rice (<i>Oryza sativa</i> L.) in irrigated transplanted condition in North India. <i>Journal of Pharmacognosy and phytochemistry</i> , 7 (1):3268-3273.
23.	Kumar, Kapil, Singh, S.N., Singh, R.K. and Singh, O.P. (2018),

	Effects of several doses of boron and Thio- Urea on morpho-physiological characters and harvest index of wheat varieties in different sowing conditions <i>International Journal of Chemical Studies</i> , 6 (2):3690-3696.
24.	Kumar, Pramod; Khan, Naushad ; Singh, Prashant Deo; Singh, Anand and Singh, Sanjiv (2018), Study on weed management practices in rice—a review. <i>Journal of Pharmecognosy and Phytochemistry</i> , 7 (3):817-820.
25.	Kumar, Pramod; Khan, Naushad ; Singh, Prashant Deo; Singh, Anand; Yogesh and Yadav, Vikas (2018), Panchga PUBLICATION 139 vya: A low cost organic input in organic farming-review. <i>International Journal of chemical studies</i> , 6 (6):575-577.
26.	Kumar, Rakesh; Biswas, S.K. ; Baboo, Deepak; Chaurasia, Ajay and Bansal, Anuj (2018), Induced resistance in potato against late blight caused by phytophthora infestans (Mont.) de Bary through inorganic chemicals as inducer. <i>International Journal of Chemical Studies</i> , 6 (6):2504-2509.
27.	Kumar, Sunil; Prem Naresh; Singh, Virendra; Ramesh Kumar and Biswas, S.K. (2018), Evaluation of different doses of fungicides and biocides against spot blotch of wheat caused by bipolaris sorokiniana. <i>International Journal of Current Microbiology and Applied Sciences</i> , 7 (12):988-993.
28.	Pal, Sunder; Singh, D.K.; Umrao, Ram Singh and Sharma, Omendra (2018), Eco- Friendly management of tomato fruit borer, helicoverpa armigera under hill condition, Utrakhand, India. <i>Int.J.Curr.Microbiol.App.Sci.</i> , 10 :3008- 3013.
29.	Pramod Kumar; Khan, Naushad ; Singh, Prashant Deo; Anand Singh and Sanjiv Singh (2018), Study on weed management practices in rice—a review. <i>Journal of harmacogPnosy and Phytochemistry</i> , 7 (3):817-820.
30.	Pramod Kumar; Khan, Naushad ; Singh, Prashant Deo; Singh, Anand; Yogesh and Yadav, Vikas (2018), Panchgavya: A low cost

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	organic input in organic farming- review. <i>International Journal of Chemical Studies</i> , 6 (6):575-577.
31.	Prasad, Chaurasiya; Singh, Jagdish; Mahak, Yadav, R.K. and Singh, Lokendra (2018), Heterosis and combining ability analysis in Indian mustard (<i>Brassica juncea</i> L. Czern & Coss)". <i>Journal of Pharmacognosy and Phytochemistry</i> , 7 (2):604-609.
32.	Rakesh Kumar; Biswas, S.K. ; Deepak Baboo; Chaurasia, Ajay and Bansal, Anuj (2018), Induced resistance in potato against late blight caused by phytophthora infestans (Mont.) de Bary through inorganic chemicals as inducer. <i>International Journal of Chemical Studies</i> , 6 (6): 2504-250.
33.	Sunder Pal; Singh, D.K.; Umrao, Ram Singh and Sharma, Omendra (2018), Eco-friendly management of tomato fruit borer, <i>Helicoverpa armigera</i> under Hill condition, Uttarakhand, India. <i>International of Current Microbiology and Applied Sciences</i> , 7 (10):3008-3013.
34.	Sunder Pal, Singh, D.K., and Umrao. Ram Singh (2018), Population dynamics of insect pests in management and eco-friendly management of <i>Lipaphis erysimi</i> (Kaltenbach) in Uttarakhand. <i>Int. J. Curr. Microbiol. App. Sci.</i> , 7 (7):324-331
35.	Sunil Kumar; Prem Naresh; Virendra Kumar; Ramesh Singh and S. K. Biswas (2018), Evaluation of different doses of fungicides and biocides against spot blotch of wheat caused by <i>Bipolaris sorokiniana</i> . <i>International Journal of Current Microbiology and Applied Sciences</i> , 7 (12): 988-993. PUBLICATION 144
36.	Verma, S.K.; Biswas, S.K. ; Kumar, V.; Lal, K.; Kumar, S.; Bahar, J. and Kanchan, C. (2018), Variability in morphology and bio-chemical constituents in wheat germplasm with special reference to spot blotch. <i>Bangladesh J. Bot.</i> , 47 (4):855- 862.

2019

S.N.	Publication
37.	Biswas, S.K. ; Prakash, H.G.; Palat, R. and Bahar, J. (2019), Induced

	synthesis of defense molecules in tomato (<i>Solanum lycopersicum</i> L.) against Fusarium wilt through plant extracts. <i>Bangladesh J. Bot.</i> , 48 (1):169-175.
38.	Biswas, Samir Kr ; Prakesh, H.G.; Ram Palat and Javed Bahar (2019) Induced synthesis of defense molecules in tomato (<i>Solanum lycopersicum</i> L.) against <i>Fusarium wilt</i> through plant extracts. <i>Bangladesh J. Bot.</i> , 48(1): 169-175.
39.	Chaurasia, Ajay; Biswas, S.K. ; Kishan Lal; Husain, Arshad and Kumar, Shivam (2019), Changes of phenolic compound in <i>Pleurotus florida</i> (Mont.) Singer due to effect of plant growth hormones and its effect on crop growth and yield. <i>Int. J.Curr. Microbiol. App.Sci.</i> , 8 (12): 1026-1035.
40.	Hemant Kumar; Srivastva, A.K. ; Singh, Repudman; Yadav, D.D.; Sanjiv Kumar; Verma, V.K. and Vishram Singh (2019), Effect of tillage practise and integrated nutrient management (INM) on productivity, nutrient uptake and status of soil in late sown wheat (<i>Triticum acstivum</i> L.). <i>International journal of chemical studies</i> , 7 (8):1390-1393.
41.	Husain, Arshad; Khan, M.R.; Biswas, S.K. and Ahmad, Gufran (2019), Nematode-fungi interaction on growth parameter and biochemical changes on tomato, <i>International Journal of Chemical Studies</i> ; 7 (3): 33-39.
42.	Khan, Nauashad ; Ajay Kumar; Singh, C.B.; Dubey, Vijay and Nitish Kumar (2019), Weather based agro-met advisory to enhance the production and income of the farmers under changing climate scenario of Central Plain Zone of Uttar Pradesh. <i>International Journal of Current Microbiology and Applied Sciences</i> , 7 (11): 221-224.
43.	Khan, Nausad ; Ajay Kumar; Singh, C.B.; Karam Husain and Dubey, Vijay (2019), Weather based agro-met advisory for sustaining maize yield in central plain zone of Uttar Pradesh. <i>International Journal of Chemical Studies</i> , 7 (4):263- 268.

44.	Kishan Lal; Biswas, S.K. ; Baboo, Deepak and Kumar, Shivam (2019), Evaluation of inorganic chemicals against early blight of potato caused by <i>Alternaria solani</i> (Sorauer). <i>Journal of Pharmacognosy and Phytochemistry</i> , 8 (3): 2215-2218.
45.	Kumar, Deepak; Srivastava, A.K. and Singh, Vishram (2019), Effects of different doses of fertilizers on growth and yield attributes in intercropping of citronella (<i>Cymbopogon wintersianus</i> L.) + maize (<i>Zea mays</i> L.). <i>Int. J. curr. Microbial. App. Sci.</i> , 8 (12):2558-2567.
46.	Kumar, Hemant, Srivastava, A.K. , Singh, Ripudaman, Yadav, D.D., Kumar, Sanjiv and Singh, Vishram (2019), Impact of tillage practices and integrated nutrient management on growth and productivity of late sown wheat (<i>Triticum aestivum</i> L.). <i>International journal of chemical studies</i> , 7 (3): 1394-1398.
47.	Kumar, Hemant; Srivastava, A.K. ; Singh, Ripudaman; Yadav, D.D.; Kumar, Sanjiv; Verma, V.K. and Singh, Vishram (2019), Effect of tillage practices and integrated nutrient management (INM) on productivity, nutrient uptake and status of soil in late sown wheat (<i>Triticum aestivum</i> L.). <i>International journal of chemical studies</i> , 7 (3): 1390-1393.
48.	Kumar, Narender and Biswas, Samir Kumar (2019), Molecular and pathogenic variability of multilocus isolates of <i>Alternaria lini</i> Dey cause Alternaria blight in linseed (<i>Linum usitatissimum</i> L.). <i>Journal of Pharmacognosy and Phytochemistry</i> , 8 (5): 1360-1364.
49.	Sumit Kumar; Biswas, S.K. and Prakesh, H.G. (2019) Integrated disease management approaches for control of late blight of potato and enhancing the growth of potato. <i>Journal of Biological Control</i> , 32 (4): 264-269 (DOI: 0.18311/jbc/2018/17890).
50.	Yadav, A.C.; Husain, K.; Tiwari, U.S.; Verma, V.K.; Siddiqui, M.Z. and Khan, Naushad (2019), Effect of land configuration and nutrient management in Kharif maize on nutrient uptake. <i>International Journal of Current Microbiology & Applied Science</i> , 8 (17): XX-XX.
51.	Yadav, A.C.; Karam Husain; Verma, V.K.; Tiwari, U.S.; Khan,

	Naushad and Siddiqui, M.Z. (2019), Effect of land configuration and nutrient management on growth and yield of hybrid Maize. <i>Journal of Pharmacognosy and Phyto Chemistry</i> , 8 (4):602-606.
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2020

52.	Kumar, Surender; Biswas, Samir Kumar ; Prakash, Har Gyan and Singh, Devendra Pratap (2020), Evaluation of inducers in systemic acquired resistance for management of brinjal Phomopsis blight <i>Plant Pathology Journal</i> , 19 (1):54-65.,
53.	Tomar, Vikas; Khan, Naushad ; Tomer, Ravinder and Panotra, Narinder (2020), Effect of chemical weed management and sowing method practices in late sown wheat (<i>Triticum aestivum</i> L.). <i>International Journal of Chemical Studies</i> , 8 (2):2326-2329.

Participation of Faculty in Symposia/ Workshops/Training

2015-16

1. Dr. A.K. Srivastava attended QRT Review Meeting held at ICAR, CTRI, Rajahmundry (AP) on Nov. 28, 2015.
2. Dr. A.K. Srivastava participated in XXII Tobacco Workshop of All India Network Research Project organized by ICAR-CTRI Research Station, Hunsur, Karnataka on 30th Sept. to 1st October, 2015.
3. Dr. K. Kumar participated in seminar on National Resource Management for Food Security and Rural Livelihoods held by New Delhi on Feb. 10-13, 2015.
4. Dr. Kaushal Kumar participated in Seminar on National resource management for food security and rural livelihoods held at New Delhi on Feb. 10-13, 2015.

5. **Dr. Naushad Alam** attended Winter School on Managing natural resources for sustainable rural livelihood security organized by SHIATS (AAI) on Nov. 18 to Dec. 08, 2015.

2016-17

6. **Dr. A.K. Srivastava** attended in IX Group Meeting of All India Network Research Project on Tobacco organized by ICAR-CTRI, Rajahmundry (A.P.) during October 12-13, 2016.
7. **Dr. A.K. Srivastava** attended in QRT meeting of AICRP (Pigeonpea) organized by Birsha Munda Agriculture University, Ranchi, Chhatisgarh on May 2017.
8. **Dr. A.K. Srivastava** attended in the Annual Group Meeting of AICRP (Pigeon-pea)-2017 organized by RAU Samastipur, Bihar during May 19-21, 2017.
9. **Dr. Kaushal Kumar** participated in ICAR sponsored summer school on scaling water productivity and resource conservation in upland field crops ensuring more crop per drop held from Sept. 06-26, 2017 at ICAR- Indian Institute of Pulses Research, Kanpur.
10. **Dr. N. Khan** attended National Seminar on integrated approach for enhancing sugarcane and overall farm productivity by adopting improved cultivation and analytical practices, organized by NSI, Kanpur and CSAUA&T, Kanpur on April 06-07, 2017.
11. **Dr. Naushad Khan** attended National Symposium on Natural Resource Management for sustainable agriculture and rural development organized by SBSRD – Vigyan Parishad Allahabad, UP on Nov. 05-06, 2016.
12. **Dr. Naushad Khan** participated in National Seminar on Information and Communication Management concerning Climate Smart Agriculture for Sustainable Development and Poverty Alleviation organized by ISEE, IARI, and RVSKVA, Gwalior, MP on Nov. 28-30, 2016.

13. **Dr. R.K. Yadav** attended International Conference on Global Agriculture & Innovation organized by International University, Greater Noida during Nov. 27-29, 2016.
14. **Dr. R.K. Yadav** participated in National Conference on Farmer's Centric Agri-innovation for sustainable development organized by CSAUA&T Kanpur during March 24-25, 2017.
15. **Dr. S.K. Biswas** participated in 12th National Symposium on "Biotic stress management strategies: Challenges and environmental harmonization" organized by Uttar Banga Krishi Viswa Vidyalaya, Pundibari, Coach Bihar and Society of Plant Protection Sciences at Coach Bihar, West Bengal during Jan. 17-19, 2017.
16. **Dr. S.K. Biswas** participated in National Conference on Innovative and current advances in agriculture and allied sciences organized by Prof. Jayashankar Telengana State Agricultural University, Rajendranagar, Hyderabad Telangana during Dec. 10-11, 2016.

2017-18

17. **Dr. A.K. Srivastava** attended QRT meeting of AICRP (Pigeon pea) held at Birsha Munda Agriculture University, Ranchi, Jharkhand during June 6-7, 2017.
18. **Dr. A.K. Srivastava** attended the Annual Group Meeting of AICRP (Pigeonpea)-2017 held at RAU Samastipur, Bihar during May 19-21, 2017.
19. **Dr. A.K. Srivastava** participated in National Conference on Organic farming for sustainable agriculture and livelihood security under changing climate conditions organized by CSAUA&T, Kanpur during December 12-13, 2017.
20. **Dr. R.K. Yadav** participated in a National conference on Organic farming for sustainable agriculture and livelihood security under changing climatic conditions organized by CSAUA&T Kanpur

during Dec. 12-13, 2017.

21. **Dr. Ram Singh Umrao** participated in an International National conference on Sustainability of smallholder agriculture in developing countries under changing climatic scenario held at CSAUA&T Kanpur during Feb. 14-17, 2018.
22. **Dr. Ram Singh Umrao** participated in a National conference on Organic farming for sustainable agriculture and livelihood security under changing climatic conditions organized by CSAUA&T Kanpur during Dec. 12-13, 2017.
23. **Dr. Rakesh Kumar Singh** participated in a National conference on Organic farming for sustainable agriculture and livelihood security under changing climatic conditions organized by CSAUA&T Kanpur during Dec. 12-13, 2017.
24. **Dr. Naushad Khan**, Associate Professor attended training programme on Special Training on Agriculture Research with relation to IPR, CSAU, Kanpur during Aug. 16-17, 2017.
25. **Dr. R.K. Yadav** Professor attended training programme on Agricultural Research with relation to IPR organized by CSAUA&T, Kanpur during Aug. 16-17, 2017.
26. **Dr. Rakesh Kumar Singh**, Asstt. Professor attended training on capacity building programme for university teachers on Essential Teaching Skills for effective teaching organized by GBUUAT, Pant Nagar during 26 Dec. 2016 to 01, Jan., 2017.

2018-19

27. **Dr A K Srivastava** attended International Conference Sugarcon-2019 on Green technologies for Sustainable Development of Sugar & Integrated Industries held at IISR, Lucknow during 16-19 February 2019.
28. **Dr A K Srivastava** attended International Conference 2nd Global Meet on Science and Technology for Ensuring Quality Life (GMST

- 2018) held at Bali Indonesia November 13-17, 2018.
29. **Dr A.K. Srivastava** attended International Conference: Sugarcane 2019 “Green Technology for Sustainable development of Sugarcane & Intergrated Industries” organized by IISR, Lucknow on 16-19 February, 2019.
 30. **Dr A.K. Srivastava** attended X Group Meet of All India Network Research Project on Tobacco held on October 29- 30, 2018 at ICAR-CTRI, Rajahmundry (AP)-533105.
 31. **Dr Naushad Khan** attended 4th National conference on “Innovative approaches in oilseed Brassica towards self sufficiency” at CSAUA & T, Kanpur on February 1-3, 2019.
 32. **Dr Naushad Khan** attended International conference on Sugarcon-2019 on “Green Technology for sustainable development of sugarcane & integrated industries” organized at IISR, Lucknow on Feb., 16-19, 2019
 33. **Dr Naushad Khan** attended National conference on “Doubling farmers’ income in garlic, onion, potato production and post harvest management under climate change” at KVK, Anta, Kota, Rajasthan On 27-28 January 2019.
 34. **Dr Naushad Khan** participated in one day brain storming program for formulating the strategies for enhancing the productivity of cereals and pulse Organizers U.P. Council of Agricultural Research, Lucknow on 10.08.2018.
 35. **Dr Naushad Khan** participated National Conclave on empowering rural women through Agriprenurship and innovative farm technology (UTTHAN Agripren- 2019) at CSAU, Kanpur on March 6-8, 2019.
 36. **Dr Naushad Khan** participated Seminar on Krishi Kumbh 2018 “International Conference on doubling farmers’ income” Organized at IISR, Lucknow on 26-28 Oct 2018.

Course Load:

Dr. R.K. Yadav (Professor/Dean):

Self Study Report

	Teaching	Hours
1.	Contact hours in lectures and Lab.	5
2.	Preparation for teaching	6
3.	Evaluation of examination reports, laboratory note-books etc.	6
4.	Students consultations	2
	Total	19
	Research	10
	Other activities (Committee Assignments etc.)	8
	Total	37

Dr. Naushad Khan, Professor (Agronomy):

	Teaching	Hours
1.	Contact hours in lectures and Lab.	11
2.	Preparation for teaching	6
3.	Evaluation of examination reports, laboratory note-books etc.	6
4.	Students consultations	2
	Total	25
	Research	0
	Other activities (Committee Assignments etc.)	8
	Total	33

Guest Faculty/Teaching Associate:

Dr. Ranvir Singh (Soil Science):

	Teaching	Hours
1.	Contact hours in lectures and Lab.	5
2.	Preparation for teaching	6
3.	Evaluation of examination reports, laboratory note-books etc.	6
4.	Students consultations	4
	Total	21
	Research	0
	Other activities (Committee Assignments etc.)	2
	Total	23

Dr. Raj Kumar (Soil Conservation and Water Management)

	Teaching	Hours
1.	Contact hours in lectures and Lab.	4
2.	Preparation for teaching	6
3.	Evaluation of examination reports, laboratory note-books etc.	6
4.	Students consultations	4

Self Study Report

	Total	20
	Research	0
	Other activities (Committee Assignments etc.)	2
	Total	22

Dr. Himanshu Mishra (Horticulture):

	Teaching	Hours
1.	Contact hours in lectures and Lab.	6
2.	Preparation for teaching	6
3.	Evaluation of examination reports, laboratory note-books etc.	6
4.	Students consultations	4
	Total	22
	Research	0
	Other activities C(Committee Assignments etc.)	2
	Total	24

Dr. Atendra Singh Yadav (Mathematics)

	Teaching	Hours
1.	Contact hours in lectures and Lab.	4
2.	Preparation for teaching	6
3.	Evaluation of examination reports, laboratory note-books etc.	6
4.	Students consultations	4
	Total	20
	Research	0
	Other activities (Committee Assignments etc.)	2
	Total	22

Smt. Shikha Shukla (English/Communication Skills)

	Teaching	Hours
1.	Contact hours in lectures and Lab.	4
2.	Preparation for teaching	6
3.	Evaluation of examination reports, laboratory note-books etc.	6
4.	Students consultations	4

Self Study Report

	Total	20
	Research	0
	Other activities (Committee Assignments etc.)	2
	Total	22

Sri Amit Verma (Computer)

	Teaching	Hours
1.	Contact hours in lectures and Lab.	4
2.	Preparation for teaching	6
3.	Evaluation of examination reports, laboratory note-books etc.	6
4.	Students consultations	4
	Total	20
	Research	0
	Other activities (Committee Assignments etc.)	2
	Total	22

Sri Sanjay Kumar Tripathi (Plant Physiology)

	Teaching	Hours
1.	Contact hours in lectures and Lab.	3
2.	Preparation for teaching	6
3.	Evaluation of examination reports, laboratory note-books etc.	6
4.	Students consultations	4
	Total	19
	Research	0
	Other activities (Committee Assignments etc.)	2
	Total	21

Sri Satyendra Kumar (Animal Science & Dairy Technology)

	Teaching	Hours
1.	Contact hours in lectures and Lab.	4
2.	Preparation for teaching	6
3.	Evaluation of examination reports, laboratory note-books etc.	6
4.	Students consultations	4

	Total	20
	Research	0
	Other activities (Committee Assignments etc.)	2
	Total	22

6.5.2.4 Technical and Supporting Staff:

Name of the Post	Sanctioned	Filled	Vacant
Asstt. Registrar	1	0	1
Asstt. Accountant	1	0	1
Total	2	0	2

Others:

Watchman - 04

Labour (Equal work equal pay) – 05 (Rs. 2550+D.A.+EPF+Admin Charge)

Labour (Equal work equal pay) – 05 (Rs. 7000.00 Fixed per month)

Computer operator – 02 (Outsourcing)

Lab Assistant - 01 (Outsourcing)

Technical Assistant -01 (Outsourcing)

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.

There is a well-stocked library with latest books, Journals, Encyclopedias, E-library, reference manual and current affairs magazines. Science lab, ICT lab, and language lab with latest techniques and instruments. Teachers have delivered and shared lecture notes (text and power point).

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).

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.

After the introduction of online classrooms, blended-learning models, and the overall rise of technologies in the classrooms, the students were allowed to have far more access to the constant information than past generations. Personalized learning is the emergence of classroom technology, which made it easier for educators to develop and deliver such student-centric lessons.

- Building the curricula, courses, learning materials, and tools
- Adaptation of various learning and teaching methodologies and pedagogical approaches
- Professionalization and professional development of academic and administrative staff
- Provide new forms of practical training schemes and study of real-life cases in business and industry
- Quality assurance at programme and institution level etc.

6.5.3.1 College Library (digital):

The library is one of the most important centre of the college, which facilitates the teaching, research and extension programme. Both the faculty and students extensively use this facility. Presently, more than 200 books already arranged for the study of students. Two computers has been arranged in library to facilitate and for quick access of catalogue of central library of main campus.

Total books available in library: 200

6.5.3.2 Laboratories, Instructional farm, Workshops, Dairy Plant, Veterinary Clinic, Hetchery, Ponds etc.:

Instructional farm facilities and laboratories are under the process of development and the facilities available at Kanpur campus is provided to the student need basis.

6.5.3.3 Students READY/ In-Plant Training/Internship/ Experiential Learning Programme:

In compliance with the Student READY programme launched by the Hon'ble Prime Minister of India on 25th July, 2015, the five components are proposed for conducting one year program in all the UG disciplines.

To reorient graduates of Agriculture and allied subjects for ensuring and assuring employability and develop entrepreneurs for emerging knowledge intensive agriculture, the component envisages the introduction of the program in all the Agricultural Universities as an essential prerequisite for the award of degree to ensure hands on experience and practical training. Considering the variation in different streams of agricultural education and feasibility, the Committee proposes to include following components, which are interactive and are conceptualized for building skills in project development and execution, decision-making, individual and team coordination, approach to problem solving, accounting, quality control, marketing and resolving conflicts, etc. with end to end approach in Student READY program.

- | | |
|--|-----------|
| i. Experiential Learning/Hands on Training | -24 weeks |
| ii. Skill Development Training | -24 weeks |
| iii. Rural Agriculture Work Experience | -10 weeks |
| iv. In Plant Training/ Industrial attachment | -10 weeks |
| v. Students Projects | -10 weeks |

The students will be required to have any three of the five components listed above depending on the requirement of their graduate education but it should be implemented for the complete year, so that their education upto level of III year may get right information in IV year and finally they should attend right stage of entrepreneurship.

Experimental Learning: Business Mode:

Self Study Report

- End to end approach with carefully calibrated activities which help students to explore and discover their own potential and enhance team performance.
- Opportunity to develop analytical and entrepreneurial skills and knowledge confidence in their ability to dash and execute an entrepreneurial project through meaningful hands on experience.
- This is a step towards “**Earn while Learn**” concept.
- The ICAR has established 845 EL units in Agricultural Universities accross the country. The objectives are:
 - to promote professional skills and knowledge through meaningful hands experience.
 - The build confidence and to work in project mode.
 - to acquire enterprise management capabilities.

Activities performed by students during village attachment:

- Learning business network including outlets of the industry.
- Collected the data on socio-economic condition, population, cropping pattern, irrigation facilities, resources available, labour, employment etc.
- Farm plans activity including 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.
- Identified the constraints in marketing of agricultural produce, institutional credit facilities, input supply agencies and co-operatives.
- Identification of agricultural problems of village
- Conducted method demonstrations and result demonstration
- Field visit and group discussion with farmers on need based agricultural topics
- They identified on-going agricultural programmes in the village & their impact
- Visited local institutions to study their role in development programmes.
- Participated in village social work - conduct survey on youth

problems, initiation of youth clubs, working with youth & youth specific work.

- At last they prepare and submit the report individually.

Introduction of common courses in all agriculture disciplines

The Fifth Deans Committee is of the opinion that some of the courses like Environmental Studies & Disaster Management, Communication Skills & Personality Development, Information & Communication Technology, Entrepreneurship Development & Business Management, Agri-Informatics and Economics and Marketing need to be taught in all the undergraduate programmes of agricultural sciences, as these are must for personality development and to deal with the unforeseen circumstances.

Introduction of new degree programs

Since Biotechnology has become an important subject in the field of agricultural sciences, the Committee has recommended introduction of B. Tech (Biotechnology) course in SAUs. Similarly, Sericulture being an important traditional subject, the Committee endorses its inclusion as one of the disciplines in agricultural sciences.

It has been observed that the degree in Home Sciences has been losing its importance in the recent past particularly in terms of limited employability. The Committee has recommended to rechristen the discipline of Home Science to Community Science and introduce one more new course in Food Nutrition & Dietetics under the umbrella of Home Sciences along with B.Sc.in Community Science.

Development of DPRs for establishment of colleges

The Deans Committees have been listing some minimum standards/requirements for the colleges. Fifth Deans Committee has developed a comprehensive Detailed Project Report (DPR) for establishing a college for each discipline.

Holistic distribution of courses

The Committee has distributed the courses in a systematic way so as to teach basic courses first followed by principles and finally skill

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development it is planned to keep courses related to basic fundamentals in first year, theory/practicals and principles with present state of Art of Technology in second year, modern and frontier area of education in third year and Student READY programme of one year in final year.

Students went for industrial Attachment under Students READY programme during 2019

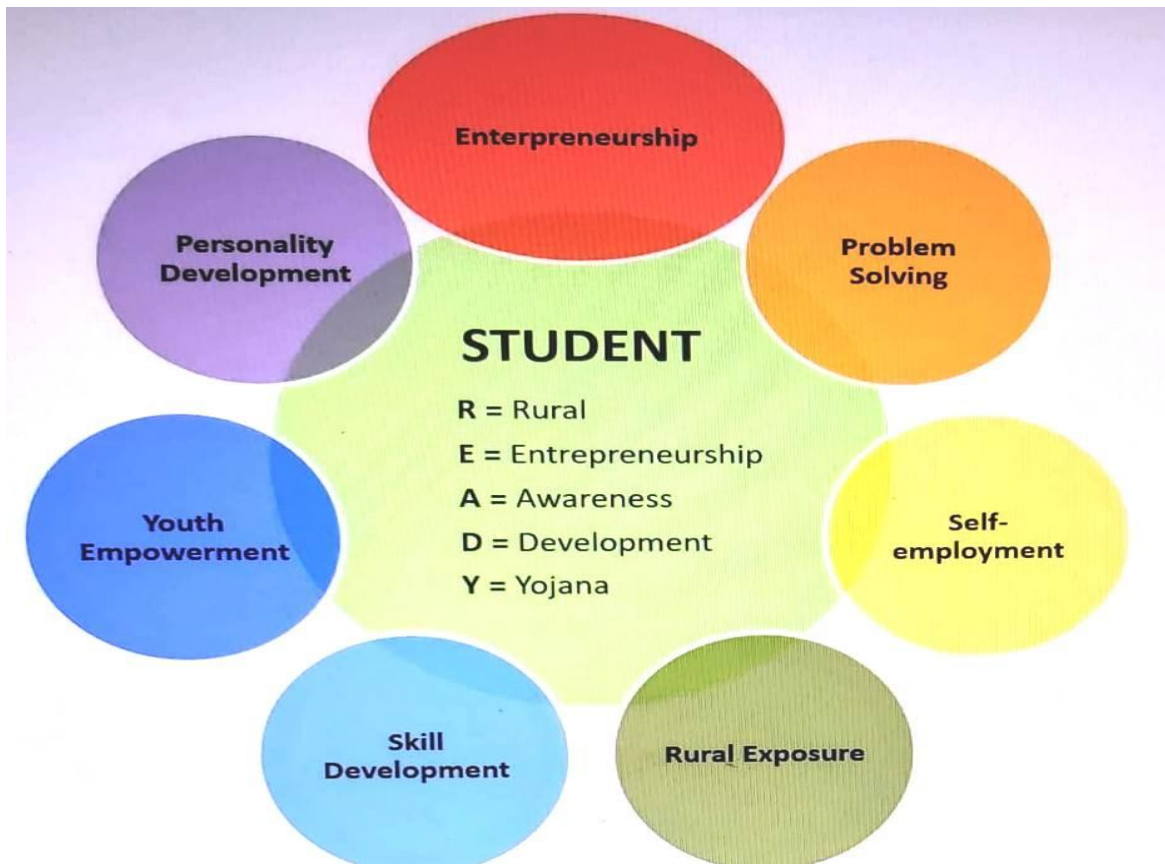
S.No.	Id. No.	Full Address of the Industry	No. of Students
1.	CL-0093/16	Sahni Food Industry Shop No. 156-B Dada Nagar, Sanjay nagar, Kanpur	2
	CL-0120/16		
2.	CL-0116/16	Ganga Food Products 657, Panau Purwa road Chaubeypur, kanpur Nagar	4
	CL-0115/16		
	CL-0062/16		
	CL-0072/16		
3.	CL-0063/16	Lavnya Food Producers Company Limited B-3 Ashrya Building 7/115 Swaroop nagar, Kanpur	8
	CL-0071/16		
	CL-0076/16		
	CL-0105/16		
	CL-0119/16		
	CL-0109/16		
	CL-0088/16		
	CL-0108/16		
4.	CL-0107/16	K.N. Bakers Kalpi Road kanpur	3
	CL-0106/16		
	CL-0113/16		
5.	CL-0070/16	Vikas Rice Mill Tanda Ambedkar nagar	5
	CL-0083/16		
	CL-0074/16		
	CL-0086/16		
	CL-0081/16		
6.	CL-0080/16	Kanpur Dugdh Utpadak Sangh limited (Parag) Nirala Nagar Juhi Kanpur	6
	CL-0082/16		
	CL-0067/16		
	CL-0100/16		
	CL-0075/16		

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	CL-0082/16		
7.	CL-0101/16	Gopal Agro Industries Linked to Deptt of Agriculture UP	1
8.	CL-0103/16	Ashok Grih Udyog Pvt. Limited Dadanagar Kanpur	2
	CL-0069/16		
9.	CL-0111/16	Bholay Raj Chemfert Magarwara Unnao	3
	CL-0090/16		
	CL-0104/16		
10.	CL-0096/16	Shri ganesh Cattle Feed Industries Tatiya ganj, Kanpur	3
	CL-0095/16		
	CL-0089/16		
11.	CL-0094/16	Shri Maruti Nanadan Rice Mill Bhognipur, kanpur Dehat	2
	CL-0110/16		
12.	CL-0097/16	Shankar Sweets Bakery Pvt. Limited Chowk Bazar Bahraich	2
	CL-0098/16		
13.	CL-0065/16	Parle Biscuits Pvt. Limited Lucknow-Bahraich Road, bahraich	2
	CL-0068/16		
14.	CL-0073/16	Shri Shyamji Agroseeds Mohammadi Road Gola Gokaran nath, Kheri	2
	CL-0112/16		
15.	CL-0114/16	Namaste India, kalpi Road, kanpur	1
16.	CL-0114/16	Nikhil Bhog Murmura Pvt. Limited Baberu Banda	1
17.	CL-0099/16	Poorvanchal Seed Company Shrawasti	1
18.	CL-0092/16	C.P. Milk And Food products Pvt. Limited Kursi road Lucknow	1
19.	CL-0061/16	Hinglaj Food productsPvt. Limited	1

Self Study Report

		Panki kanpur	
20.	CL-0091/16	Maa Rukamini Gau Sanrakshan Samvardhan and Seva Samiti Chinhat Lucknow	1
21.	CL-0102/16	M/S/ B.B Fruitarian Products Panki Industrial Area Kanpur	1
22.	CL-0085/16	H.S. Agrireromart Pvt. Limited Mishrikh Sitapur	1
23.	CL-0079/16	Singh Fish Seed Production center Ahirori Hardoi	1
24.	CL-0117/16	DCM Sri ram Limited Sugar Unit Rupapur Hardoi	1
25.	CL-0064/16	Fishries Cooperative Society Limited Hardoi	1
26.	CL-0118/16	Lalkant Milk dairy Safipur Unnao	4
	CL-0084/16		
	CL-0078/16		
	CL-0087/16		
27.	Total		60







6.5.3.4 Curricula Delivery Through IT (Smart class rooms/interactive board etc):

Access and computing facility has also been developed in the Colleges, Library and Administrative Building to impart qualitative teaching, learning and extension education activities of the college.

In addition, the College has smart classroom and laboratories with all required facilities of undergraduate and postgraduate programmes in centralized air conditioned building. 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.

The curricula followed are given in Table.

Table: Discipline-wise number of courses and course credits in UG Programme (Agriculture).

S.No	Discipline	No. of course	Course credit	Weightage (%)
1.	Basic Science and Humanities	6	16	9.63
2.	Agriculture and Allied Sciences	42	102	61.45
3.	Agricultural Engineering	3	8	4.82
4.	RAWE	5	20	12.05
5.	Experiential Learning	7	20	12.05
6.	Non-gradual Courses	2	2	-
	Total	65	168	100.00

6.5.4 Student Development

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

6.5.4.1 Student Intake and Attrition:

Students are admitted through entrance examination organized by UPCATET. The intake capacity and number of students admitted during the different academic sessions is given below:

Undergraduate	2015-16	2016-17	2017-18	2018-19	2019-20	Total
Intake	66	66	66	66	66	330
Registered	60	58	73	18	23	232

6.5.4.2 Average Number of Students in Theory and Practical Classes:

S.No.	Name of the Degree Programme	Batch of students in theory class	Batch of the students in practical class
1	B.Sc. (Hons.) Agriculture	20	20

6.5.4.3 Admission Process:

The admission to various programme is done strictly in order of merit-cum-reservation, based on the aggregate marks obtained by the candidates in the Uttar Pradesh Combined Agricultural and Technology Entrance Test (UPCATET). The admission notifications for UG degree programmes are notified in important newspapers and also in all colleges of the University. The notification also contains the courses offered at different campuses and minimum qualifications prescribed for seeking admission. The entrance examination conducted on All India basis during May-June every year.

Undergraduate Programme

Bilingual question paper of three hours duration in English and Hindi language consist of 200 objective type questions with multiple choices carrying 600 marks is given. Paper group wise following criteria is adopted for deciding the merit.

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.

Enrollment of students in undergraduate degree programme:

The college offers one undergraduate degree programmes in the faculty of Agriculture. The duration of this programmes is of 4 years.

All admissions are provisional in the first instance and the Vice-Chancellor reserves the right to cancel admission granted to a candidate without assigning any reason. No person is entitled to claim any compensation or concession if the admission granted is subsequently cancelled. Candidates appearing in the final year/ semester of B.Sc. (Ag.) Hons. is required to produce their marksheet/transcript on the day of counseling, otherwise their candidature are not included in merit index for admission. The candidate themselves are required to ensure that their marksheet/transcript available before the counselling committee.

The allocation of discipline to a successful candidate is done on merit index-cum reservation cum subject available at the time of counseling. The choice once exercised is final and change is not allowed even if a vacancy exists in any other discipline at a later stage.

The qualified candidates, as per merit, are called for counselling on a specified date and time for consideration for admission to Undergraduate. The counselling continue still the last seat in programme is filled-up. No minimum qualifying marks required for any programme.

The candidates report at the counselling place as per schedule given in counselling letter for checking of relevant documents and depositing prescribed fee. Candidates who do not turn up at their call will be given a

chance at the end of the day. They can claim only the programmes in which seats are available at that time and as per their qualifications/groups.

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.N.	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)	10%
5.	EWS	10%	only in undergraduate programmes	

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:
 - He/she should either be in active Army Service or a retired military personnel and be a bonafide resident of Uttar Pradesh;
 - 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.
3. 15% seats at undergraduate and 25% seats at postgraduate level over and above will be filled through ICAR National level examination.

4. Minimum eligibility conditions may be relaxed by the Vice-Chancellor for such out side candidates from foreign countries, under developed States, NEC and Tribal areas as are sponsored by their respective government/ ICAR/NEC.
5. Admission to B.Sc. (Hons.) Agriculture second semester in not permissible in any condition.

6.5.4.4. Conduct of Practical Hands on Training:

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

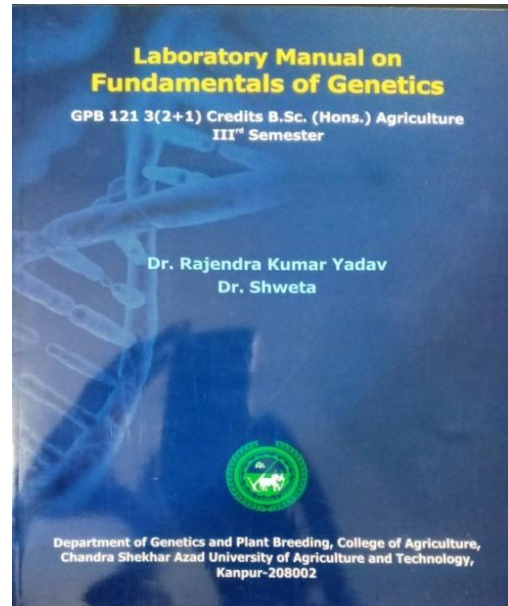
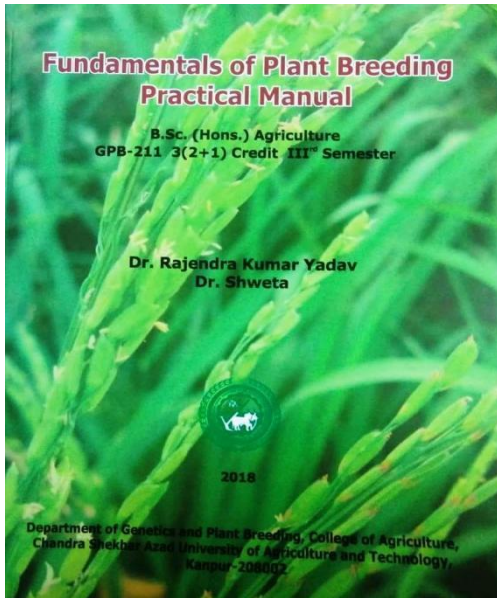
Conduct of Practical and Hands-on Training:

Practicals for all courses are conducted in the laboratories or instructional farms as per the requirements of the degree. While conducting the Practical 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.

The practical classes of UG students are conducted as per the approved list of practicals in the syllabus & on models/machines through study and live experiments. The practical records are maintained according to the protocol and check by the instructors. The hand-on-training is conducted based on the modules prepared by the concern departments.

List of Practical Manuals Prepared in Agriculture:

S.No.	Name of the Practical manual	Course Code	Credit Hours
1.	Fundamentals of Genetics	GPB-121	3(2+1)
2.	Principles of Plant Breeding	GPB-211	3(2+1)



6.5.4.5 Examination and Evaluation Process:

Types of examinations:

The examinations are of the following types:

1. Hourly Examination
2. Practical including viva-voce
3. Final Examination

Hourly examination:

Hourly examination consists of 30 marks. This is organized nearly in the middle of a semester and the date of holding this examination is announced by the instructor in advance. It consist of objective type questions (brief answers) of 12 marks and detailed questions of 18 marks.



Practical and Viva-Voce Examination

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

Final Examination

Final examinations are conducted on the dates notified by the Registrar, which is made available to the students at the beginning of each academic or otherwise. If a student fails to appear in the final examination of a semester, he/she are allowed for registration in the next semester. Such student will repeat the semester when it runs. However, this rule is not applicable for that student who has been permitted for make-up examination by the competent authority. The final examination schedule is prepared and notified by the Registrar ten days before the commencement of the examination. The Examination is conducted in all the colleges. Candidates coming late by more than 30 minutes in the Final Semester examination are not allowed to appear in that examination and no examinee are allowed to go out of the examination hall for the first 30 minutes.

Make-up in Hourly and Final Examination:

Normally no make-up examination is permissible in lieu of the missed hourly or final examination except as permitted by Dean of the College. If a student fails to appear in any hourly or semester final examination for reasons beyond his/her control, he/she has to file an application on the very day on which the examination is missed. As far as possible, make-up examinations shall be discouraged. Only in extremely genuine cases like hospitalization, a student can be permitted by the Dean to appear at the make-up examination in the hourly or final examination. Dean is empowered to allow a student for make-up only in hourly examination, if he/she fulfills there requirements. The students can be permitted to appear at the Make-up examination only in extremely genuine cases, on the grounds like (a) if he/she falls seriously ill; (b) if he/she have taken leave on account of the death of his/her father, mother, brother or sister, spouse, child or grandparent; (c) any other genuine causes with which the Dean is

satisfied. Such cases should be reported to the Registrar. Only one make-up examination will be permissible during a semester.

The application for make-up examination must be supported by medical certificate either from the University Medical Officer or from the hospital concerned and should be routed through the Hostel warden/ advisor. No application for make-up examination shall be considered if received after 24 hours from the expiry of the last date of hourly or semester final examination. Make-up examination must be completed within one week from the date of grant of permission by the Dean. Concerned student is required to get in touch with his/ her teacher and have a date fixed for the make-up examination after necessary permission is granted. Result of make-up examination will count along with the previous performance of the student during the term for awarding the final grade in course concerned.

Weightage to various types of examinations:

During a semester, the instructor in-charge of a particular course shall hold a number of different kinds of test in accordance with the regulations for examinations. The weightage given to these tests will be as follows:

Examinations	Course involving practical	Course involving no practical
Hourly	30%	30% +10% Assignment
Practical including viva-voce	20%	-
Final examination	50%	60%

Evaluation System:

Hourly of 30% (internal) and final theory 50% marks (50 Marks theory (external) + 20 marks practical (internal))

Final Theory - External

Practical - Internal (conducted by the course teacher + one more teacher nominated by the HOD).

6.5.4.6: NCC/NSS/RVC Units:

National Service Scheme (NSS):

National Service Scheme was started in this college during the academic session 2018-19 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 Vivekananda 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.

NSS Coordinator - Dr. Archana Singh

Programme Officer – Dr. Kaushal Kumar

The college is having functional NSS unit, which is playing important role in creating awareness among 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.

Regular Celebrations:

NSS Day, Youth Day, International Aids Day, National Integration Day, Sadbhavna Divas, International Women Empower Day, Independence Day, Republic day, Gandhi Jayanti and Ambedker Jayanti.

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. However, the medium of instruction and examination

for all undergraduate programmes is English. An English teacher has been appointed for the purpose at University level. Computer Assisted Language Laboratory are being used for language teaching in the college.

6.5.4.8 Cultural Centre:

In order to boost up the talent of the students, cultural programmes, debate, essay, painting competitions etc. are regularly being organized in the college and winter are sent to participate in various Inter-university, National and State level competitions. Sufficient opportunities and facilities are provided to the students at each college for taking part at Campus/Inter-Campus/Inter- University/Inter-zone/National level cultural activities for their overall development. At different occasions the students of all the three campuses participate in mono acting, songs, dance and other activities related to cultural programmes.





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?

Personality development has become an indispensable part for academic growth of youth for exploring the best in their future endeavors. Looking in to their future prospects, personality development programmes along with regular academic activity have been conducted to groom them for group discussions, interview skills, mock tests, personal interviews etc.

There is provision in the syllabus it self Like general proficiency which covers all aspects like spoken english, grammer, speaking skilled etc. In addition to this time to time Quiz, Debate on emerging topics, Drama and cultural activities are also organized to improved the personality of the students.

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

especially for girls, cleaning of hostel premises, transport facility, emergency medical facility etc.

Being a residential college, the students are required to reside in the Hostel. It is mandatory because the course curricula periods start in morning and continue till evening. The functioning of the Hostels is governed by the Hostel Regulations. All the hostels are spacious and equipped with modern facilities. The hostel messes are running on cooperative basis and students are charged on flat rates from time to time.

Girls Hostel: For 50 students (18 rooms)

- **Total Floor** – 2 (Ground + 1)
- **Each Floor Rooms** – 9 rooms (Triple seated)
- **Ground Floor** – Cooking area
- **Ground Floor + 1st Floor** – Common Toilets/Bathroom
- **Ground Floor** – Warden Office

Boys Hostel: For 100 students (35)

- **Total Floor** – 3 (Ground + 2)
- **Each Floor Rooms** – 12 ground + 12 1st + 11 rooms in 2nd floor (Triple seated)
- **Ground Floor** – Cooking area
- **Ground Floor + 1st Floor + 2nd Floor** – Common Toilets/Bathroom
- **Ground Floor** – Warden Office



Boys Hostel



Girls Hostel



Fire Safety Training in Hostels



Vice Chancellor visit in Mess

6.5.5.2 Examination Hall:

The College has one examination halls in administrative block for various examinations with 100 students capacity.



6.5.5.3 Sports and Recreation Facilities:

Sports and Recreation facilities are available for the students at the college campus. Sufficient space are available for indoor and outdoor games for the students. There is a football field, cricket ground, *Kho-Kho* and Kabaddi court with an indoor stadium hall for badminton.

The university used to participate in All India Inter Agri Univ. Youth Festival and Sport Meet every year as per provision of the ICAR. It is proud to mention that a number of students have excellent in sports and cultural activities at national level. For the students excelling in Sports, the Medals are being awarded during the Annual function of the University. Proper weightage is being given to the candidates participated in Sports/NSS/NCC for admission to both undergraduate and postgraduate degree programmes in the University as per the Regulation prescribed.



Further Physical Education is a compulsory curricular programme for all the first year students of undergraduate degree programme. Qualified Physical Education staff is provided to handle Physical Education classes and Sports activities at college.



6.5.5.4 Auditorium: No

6.5.5.5 Exhibition Hall/ Museum: No

Presently no area has been earmarked as space for Exhibition Hall and Museum. However, the newly constructed building, 2 separate big halls, which will be used as Exhibition Hall and Museum.

6.5.6 Research Facilities: Student Instructional Farm

Seed Production Programme:

As per the instruction of Hon'ble Vice Chancellor the seed production programme was started on 5 hectare land in Kharif season 2020. Under the seed programme at College of Agriculture, Lakhimpur Kheri (Campus) 12 q. of foundation seed of Azad-2 variety of Urd and 9 q. TL seed of Shekhar variety of sesame has been produced.



Research Achievement:

The goals of research in the college are aimed at a wide range of issues to cater the agricultural and socio-economic needs of the people of Uttar Pradesh. While the major objectives and goals have remained unchanged, the specific research problems and priorities have undergone changes in tune with the dynamic nature of agriculture in the state. The subjects of studies and products aimed have been modified from time to time to be in the forefront of agricultural research and all other fields of study taken-up in the university. These modification and the priorities set in the research activities reflect the research needs of the State at large and to some extent the nationwide and worldwide trends in approaches to meet these needs. The research achievement presented here are appropriately classified to reflect these needs and trends:

Variety Developed:

K1317: Wheat variety K1317 release by C.V.R.C. for timely sown rainfed conditons. This variety gives about 40-45 q/ha grain yield and average maturity range between 130-135 days.



K1055 (Prakhar): This barley variety is good for human consumption. This variety is recommended for timely sown irrigated condition and gives about 20-25 q/ha yield.



6.5.6.1 Post graduate Laboratories and Equipments: Nil

6.5.6.2 Research Contingency: Nil

6.5.7 Outcome/Output

6.5.7.1 Student Performance in National Examinations: Nil

6.5.7.2 Students Placement Profile: Nil

6.5.7.3 Awards/Recognitions/Certificates:

Awards recieved by the faculty

2015-16

1. Dr Kaushal Kumar awarded by **Swami Vivekanand Award-2015** for excellent services as programme coordinator, National Service Scheme of University.
2. Dr Kaushal Kumar awarded by **Best poster presentation award** in 4th Uttar Pradesh Agriculture Science Congress on Strategic governance and technology advancement for sustainable agriculture held from March 2-4, 2016.
3. Dr Kaushal Kumar awarded by **Best Scientist of the year -2016** Given by Society of Science & Nature at the occasion of International Seminar on “Recent Trends and Experimental Approaches in Science, technology and nature, December 23-24, 2016.

4. Dr Kaushal Kumar awarded by **Certificate of Honour-2015** for significant contribution and support in strengthening and promotion of activity of society by Society of Agricultural Professional.
5. Dr Kaushal Kumar awarded by **First poster prize** in National conference on Global research initiative for sustainable agriculture and allied sciences Aastha foundation, Meerut at RVSKVV, Gwalior (M.P.)

2016-17

6. Dr S.K. Bishwas awarded by **Young Scientist Associate Award-2016** by Bioved Research Institute of Agriculture, Technology & Sciences, Allahabad.
7. Dr S.K. Bishwas received SPPS **Meritorious Scientist Awards-2017** from Society of Plant Protection Sciences, New Delhi.

2017-18

8. Dr S.K. Biswas awarded **Best Poster Presentation 2017** in National Conference on “Organic farming for sustainable agriculture and livelihood security under changing climatic conditions” held on December 12-13, 2017 at Chandra Shekhar Azad University of Agriculture & Technology, Kanpur.
9. Dr S.K. Biswas, distinguished **“Outstanding contribution Award”** for outstanding Contribution in field of Plant Pathology by Astha Foundation, Meerut, Uttar Pradesh on December 2-4, 2017.
10. Dr S.K. Biswas, distinguished **“SPPS Meritorious Scientist Awards – 2017”** by Society of Plant Protection Sciences, New Delhi.
11. Dr S.K., Biswas **Best Poster Presentation 2017** in National Conference on “Organic farming for sustainable agriculture and livelihood security under changing climatic conditions” held on December 12-13, 2017 at Chandra Shekhar Azad University of Agriculture & Technology, Kanpur.

2018-19

12. Dr. Kaushal Kumar achieved Fellow Award-2018 by Society for Scientific development in Agriculture and Technology.

13. Dr. Kaushal Kumar, Associate Professor was achieved SCSI Leadership Award-2018 by Soil Conservation Society of India.
14. Dr. Kaushal Kumar, Associate Professor was achieved Young Scientist Award-2018 by Doctors Krishi Evam Bagwani Vikas Sanstha (Doctors Agricultural and Horticultural Development Society) Lucknow.
15. Dr. Naushad Khan, achieved Appreciation Award by President SRMR, Bhartpur, Rajasthan for Dedicated Support in successful organization of 4th National Brassica Conference held during 1-3 Feb, 2019 at Chandra Shekhar Azad University of Agriculture and Technology, Kanpur, UP, India.
16. Dr. Naushad Khan, conferred “Award of Excellence” For Development of Agro-technique (IFS model) by Chandra Shekhar Azad University of Agriculture and Technology, Kanpur, UP, India (2018).
17. Dr. Naushad Khan achieved Best Oral Presentation Award in National seminar “Doubling farmers’ income in garlic, onion, potato production and post harvest management under climate change” at KVK, Antah, Agriculture University, Kota during 27-28 Jan, 2019.
18. Dr. S.K. Biswas, Associate Professor was achieved Outstanding Achievement Award-2018 by Society for Scientific Development in Agriculture & Technology, Meerut.

2019-20

19. Dr. Naushad Khan achieved Best Oral Presentation Award in National seminar “Doubling farmers’ income in garlic, onion, potato production management under climate change” at KVK, Antah, Agriculture University, Kota during 27-28 Jan, 2019.
20. Dr. A.K. Srivastav Assistant Professor was received CSAU Award of Excellence 2019 In the area of Crop Improvement and Development of Agro- Techniques on 71th Republic day 2020 by Vice Chancellor, C.S. Azad Univ. of Agri. & Tech., Kanpur.

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.

The Officers and Faculty of the University and College have very good reputation. Recently, the Placement Cell has been established at the University level to help students in securing jobs. The teachers of the college are also encouraging the students for competitive examinations related to their future endeavour. The question banks are prepared and circulated among students for the purpose. The due care is being given to prepare students as per industrial need also by involving them in practical.

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

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

I, **Dr. R.K. Yadav**, Dean Acting, College of Agriculture, Lakhimpur Kheri (Campus) 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.



(R.K. Yadav)

Dean, College of Agriculture,
Lakhimpur Kheri (Campus)

Other Photographs:



