



**Self Study Report**  
**of**  
**Udai Pratap College, Varanasi, Uttar Pradesh**  
**(2016-17 to 2021-22)**



*Submitted to*

**National Agricultural Education Accreditation Board**

**ICAR, New Delhi (India)**



*For*

**Accreditation of Higher Agricultural Educational  
Institution in India**

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**Mahatma Gandhi Kashi Vidyapith, Varanasi (U.P.)**





## ***COLLEGE AT A GLANCE***

Udai Pratap College is an Autonomous educational institute in Uttar Pradesh, situated on a lush green pollution-free landscape in the northwestern part of Varanasi at Bhojubeer. This institution was founded in 1909 by Rajarshi Udai Pratap Singh JuDeo as Hewett Kshatriya High School. Later it was raised to the level of an Intermediate College in 1921 and a Degree College named Udai Pratap College in July 1949. Initially it started with under graduate classes in Arts and Commerce. Later, Science classes began in 1950, Agriculture in 1963, and B.Ed. in 1972. Post Graduate classes in subjects of science and arts started in 1970, and, agriculture in 1972. The College has been affiliated to BHU Varanasi (1949-1960), Gorakhpur University (1960-1988), and V.B.S. Purvanchal University, Jaunpur (1988-2009). Presently, it is affiliated to Mahatma Gandhi Kashi Vidyapith, Varanasi.

The College is a grant – in – aid institution recognized by the UGC under 2 (f) and 12 (B) of the UGC Act of 1956. It was conferred autonomous status by the UGC in the year 1991. The College has been accredited thrice by the NAAC in 2006, 2012 and 2018. In latest NACC accreditation, it was awarded with the “B” Grade.

The college has been awarded with the prestigious “College with Potential for Excellence (CPE)” status by the UGC (2011), Star College Scheme by Department of Biotechnology (2013) and DST-FIST scheme by Department of Science and Technology (2011). Together the grant-in-aid obtained through these schemes amount to around Rs. 3 crore. The college has been selected under “Star Status” scheme of Department of Biotechnology, Govt. of India, New Delhi in 2019.

### **VISION**

**“दृढ राष्ट्रभक्ति पराक्रमश्च (Staunch Patriotism and Valor)”**

The vision of the college echoes a commitment to mentor the students to achieve excellence through holistic development and strives for fulfillment of the mission towards percolation of education to the economically and academically underprivileged, and, to empower, enlighten and equip them to become responsible citizens.

### **MISSION**

- To promote quality, access and excellence in the field of education and research.
- To help students to develop virtues of truth, honesty and self reliance.
- To instill in them a deep sense of loyalty to the country and foster a feeling of pride for its ancient culture and traditions.





- To encourage boys and girls by percept and example to develop an all round and well integrated personality,
- To develop the quality of sound and dedicated leadership among the students by means of games, sports and cultural activities.
- To provide equality of educational opportunity to the students from rural areas
- To help students to develop a rational approach towards all problems facing them and the society at large irrespective of caste, creed, sex, religion etc.
- We inculcate moral values among students which is the need of the hour.

## **FACULTY OF AGRICULTURE**

The faculty of agriculture was established in 1963 with an intention to strengthen contemporary knowledge of agricultural science to develop strong and efficient manpower that would cater to the needs of the rural areas in particular and the society at large. To strengthen this, College is determined in employing highly qualified faculties and assigning targets to develop human resources, innovative and need-based technologies, and their dissemination to serve the rural masses, especially the farming community of the State. Since, its inception the faculty of agriculture has established commendable networking throughout the Region, State, National, and other International organizations to cater to the emerging issues of the agriculture and allied sectors of the State. The Faculty of Agriculture, in collaboration with a state department of Agriculture, Horticulture and other organizations enables the transfer of technology from the lab to farmer's field. The faculty members serve as resource persons in the field-level campaigns/demonstrations carried out in nearby rural and semi-urban areas. The faculty members also deliver talks and participate in discussions/question and answer sessions through All India Radio and TV channels including Doordarshan.

## **MISSION OF THE FACULTY**

To transform the State's agricultural education into a demand-driven efficient system, to provide academic services and high-quality output in education, research, and extension, to promote centers of excellence, and to provide skilled, analytical and globally competitive human resources to meet the national needs for sustainable and inclusive growth.

## **GOALS**

To integrate teaching, research, and extension to provide the human resources, skills, and technologies needed for agriculture's long-term development, including crop production, collaboration, forestry, agricultural engineering, and other allied disciplines.





To achieve the Mission and Goals, the Faculty proposes to adopt the following programmes:

1. Provide quality education in Agriculture and other allied disciplines. The recommendations of the 5<sup>th</sup> Deans' Committee have been implemented in undergraduate programme.
2. Undertake basic, applied and adaptive research to address current and future challenges of the farming community and to provide management options relevant to the prevailing agro-climatic and socio-economic situations.
3. Generate appropriate technologies to support the sustainable growth of agricultural entrepreneurship and agri-business.
4. Develop innovative extension strategies and formulate effective mechanisms for transfer of technology to institutions and farmers for enhanced and sustainable agricultural production to improve rural livelihoods.
5. Locate and protect biodiversity to preserve the agro-ecosystem of the state and to document traditional knowledge and technologies

### COLLEGE ADMINISTRATION:

The Principal is the administrative head of the College. There are four statutory committees with separate mandates and powers, viz. Governing Body, Academic Council, Finance Committee and Board of Studies. The details of these committees are given below.

**Governing Body:** A brief detail of Ex-officio members and other members of governing body is given below:

#### **Present members of the Governing Body**

S. No.	Name and address	Designation
1	Justice D. P. Singh (Rtd.)	Chairman, Committee of Management, Udai Pratap Education Society, Varanasi
2	Justice S.K. Singh (Rtd.)	Secretary, Committee of Management, Udai Pratap Educational Society, Varanasi
3	Prof. U.S. Sinha Former Professor M.L.N. Medical College Prayagraj.	Member, Udai Pratap Educational Society, Varanasi
4	Dr. S.K. Kak	Member, Udai Pratap Education Society, Varanasi
5	Sri M.P. Singh	Industrialist, Management Nominee
6	Prof. Shiv VaranShukla Ex-Principal, Madan Mohan PG College, Pratapgarh	UGC Nominee
7	Dr. Jai Prakash Singh Joint Director, Directorate Higher Education, U.P. Prayagraj	State Government Nominee





8	Dr.A.S.Raghubanshi Director, Institute of Environment and Sustainable Development,B.H.U.Varanasi	University Nominee
9	Prof.Sarvesh Kumar Singh M.A.,M.Phill.,Ph.D,JNU	Dean/HOD Department of Hindi, B.R. Ambedkar Central University,Lucknow (Nominee)
10	Dr.Dharmendra Kumar Singh	Ex-Officio member,Principal, Udai Pratap College
11	Dr.Narendra Kumar	Teacher Member, on the basis of seniority (rotation)
12	Dr.Sant Kumar Singh	Teacher Member, on the basis of seniority (rotation)

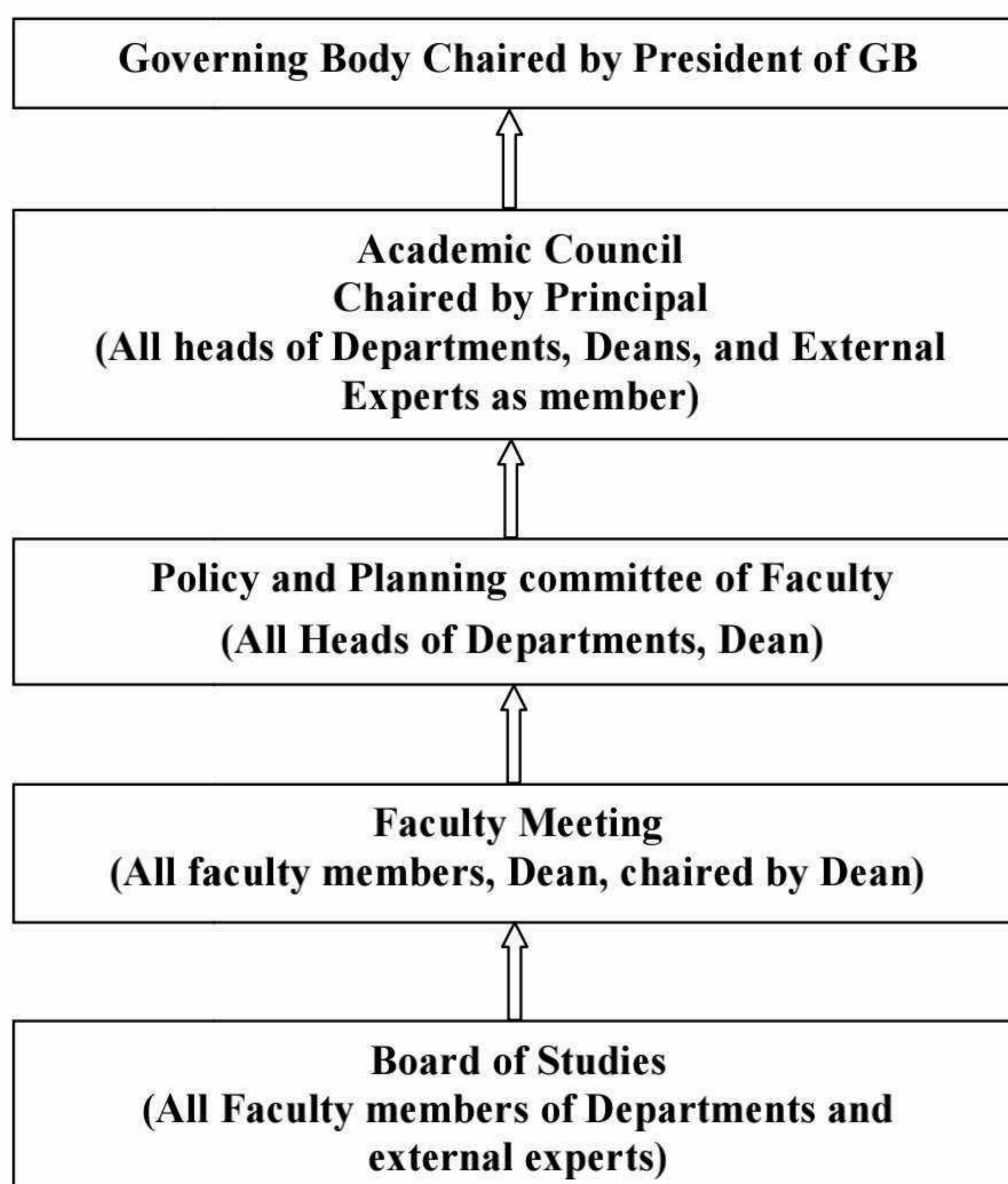
### The Academic Council:

The Academic Council is the main consultative, deliberative and task implementing body in the fields of education and training. It is responsible for broad policy matters on academic issues without dealing with individual cases. The Academic Council is responsible for the maintenance of standards of instruction, education and examination within the college and exercises such other powers and duties as are conferred on it. The Academic Council is the principal academic body of the college responsible for the maintenance of the standards in teaching and examination.

### Present members of the Academic Council

S. No.	Name and address	Designation
S. No.	Name	Designation and address
A)	<b>Nominated Members by Governing Body</b>	
1	Prof. Seema Singh	V.C, RajshriTandon Open University, Prayagraj
2	Prof. Rakesh Singh	Head, Department of Agricultural Economics, B.H.U. Varanasi
3.	Prof. FatehBahadur Singh	Professor, Department of Commerce,B.H.U. Varanasi
4.	Prof. R.P.Singh	Department of Environmental Science, B. R. Ambedkar University Raibareily, Lucknow-22602
B)	<b>Nominated Members by University</b>	
1	Prof. C.D.Singh	Professor (retd.),AvdheshPratp University Rewa,M.P.
2	Prof. AlokRai	V.C.,Lucknow University, Lucknow
3.	Prof. R.S.Singh	Professor, Department of Commerce,Central University Allahabad, Prayagraj.





**Academic and Administrative Flow chart of the College**

### **Finance Committee:**

The college has a strong in-built mechanism to monitor the effective and efficient utilization of financial resources. Sufficient budgetary allocation is made to various departments. The expenditure against each heads and sub-heads is monitored through Financial Management System. The Finance Committee consists of the following members:

### **Present members of the Finance Committee**

<b>S. No.</b>	<b>Name and address</b>	<b>Designation</b>
1	Dr. D.K.Singh	Chairman (Principal)
2	Justice S.K. Singh (Rtd.)	Member (Nominee, Governing Body)
3	Finance Officer MGK Vidyapeeth	University member
4	Dr.Narendra Kumar	Member (Senior most teacher onrotation basis)





### **Board of Studies:**

Various departments of the Faculty have their Board of Studies constituted as per the norms of UGC. The detailed composition of BoS of different departments is given in section 6.5.1.3

In addition to above statutory committees, the college has other non statutory committees such as the Planning and Evaluation Committee, Grievance Redressal Committee, Examination Committee, Admission Committee, Library Committee, Student Welfare Committee, Sexual Harassment Committee, Extra-Curricular Activities Committee and Academic Audit Committee.





## 6.5. CRITERIA-WISE SELF STUDY REPORT FOR THE FACULTY OF AGRICULTURE, UDAI PRATAP COLLEGE, VARANASI

### 6.5.1. COLLEGE ADMINISTRATION

#### 6.5.1.1 COLLEGE / FACULTY DEAN'S OFFICE ESTABLISHMENT

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

The Dean is the Chairman of the Faculty and shall be responsible for the due observance of Statutes, the ordinances, regulations of the College. Dean shoulders the responsibility to conduct and maintenance of standard of teaching, research and extension. Dean's post has been sanctioned by the appropriate authority as per UGC guidelines. The Dean shall be appointed by the Principal on rotation basis from among the faculty in the seniority list of the Agriculture Faculty for a period of three years. Details of the deans who served the Faculty of Agriculture in last five years is given below

S. No.	Name of the Deans	Department	Tenure (period)
01	Dr. A. K. Singh	Agricultural Economics	16.02.2022 to till date
02	Dr. O. P. Singh	Animal Husbandry and Dairying	16.02.2019 to 15.02.2022
03	Dr. M. K. Singh	Agricultural Economics	11.02.2016 to 15.02.2019
04	Dr. S. K. Singh	Agricultural Economics	11.02.2013 to 10.02.2016

The Office of the Dean is supported by a secretariat. The details of supporting staff and infrastructure are furnished below.

**Table: Infrastructure/facilities available in the Dean's Secretariat**

S. No.	Particulars	No. of units, Details if any
1	Office Assistant	01 (Dr. Satish Kumar)
2	Peon	01 (Mr. Om Prakash)
3	Computer	01
4	Printer	01
5	Meeting room	01
6	Photocopier	01

Physical facilities like seating arrangement for visitors, staff members, and separate computer with internet facilities and inverters are provided.









### 6.5.1.2. MONITORING MECHANISM FOR QUALITY EDUCATION (ONLINE)

*Whether the Faculty is having an internal quality assurance system, with appropriate structure and processes and with enough and monitoring quality assurance and quality enhancement activities of the Faculty. How effectively monitoring of teaching, research and extension across the departments is being conducted, and mention the impact of monitoring on the outcome of the Faculty with reference to students' excelling in academics, research and extracurricular activities.*

Yes. The Internal Quality Assurance Cell (IQAC) continuously reviews the teaching and learning process. The structure of IQAC is furnished below.

S. No.	Name & address	Designation
1	Dr. Dharmendra Kumar Singh (Principal)	Chairperson
2	Justice S. K. Singh (Rtd.), Secretary, Governing Body	Member
3	Dr. Narendra Pratap Singh (Associate professor & Head, Department of Chemistry)	Coordinator
4	Dr. Manoj Prakash Tripathi (Associate professor & Head, Department of Mathematics)	Teacher member
5	Dr. Tumul Singh (Associate professor & Head, Department of Zoology)	Teacher member
6	<b>Dr. Kuldeep Singh (Associate professor &amp; Head, Department of Agricultural Entomology)</b>	<b>Teacher member</b>
7	<b>Dr. Sanjay Kumar Sahi (Associate professor, Department of Agricultural Chemistry and Soil Science)</b>	<b>Teacher member</b>
8	Dr. Devendra Kumar Singh (Associate professor, Department of Physics)	Teacher member
9	Dr. Abhishek Singh (Associate professor, Department of Chemistry)	Teacher member
10	Dr. Saanjeev Kumar Singh (Associate professor & Head, Department of Psychology)	Teacher member
11	Prof. A. S. Raghuvanshi, Director, IESD, BHU, Varanasi	External member
12	Prof. Manoj Kumar Singh, Professor, Department of Hindi, BHU, Varanasi	External member
13	Prof. V. K. Singh (Alumni, Udai Pratap College)	Member
14	Mr. Ratan Singh (Industrialist, Varanasi)	Local member
15	Shri Himanshu Shekhar Singh (Office superintendant)	Member
16	Topper of M. Sc./M. Sc. (Ag.)	Student member

- A meeting of IQAC is organized in the beginning of the academic year to approve the proposed activities of the year.





- Frequent meetings are organized at least one per quarter to review the activities and to take up new programmes.
- These meetings address issues such as lesson plan, weekly log, quality assurance in teaching and research, students' performance, and examination reforms.
- Sensitization programme is organized for all stakeholders.
- Seminars and Workshops are organized at different levels to prepare Annual Quality Assurance Report (AQAR).
- The important decision of IQAC will be placed in the syndicate for their approval.
- Feedback mechanism provided in IQAC and Periodic academic audit helps to strengthen the outcome of continuous teaching and learning process.

The academic audit of each department is done by the Head of the Department and senior teachers. Before the commencement of the semester, academic activities are planned at the staff meeting conducted by the Head of the Department, and progress is continuously monitored. The lecture plans prepared by the teachers are evaluated by peers and endorsed by the HoD. Academic reports are prepared annually and placed in the Academic Council. Department-wise and Faculty-wise review meetings are held periodically to formulate policies to assess and strengthen the academic functioning of the departments.

The IQAC has contributed to institutionalizing several good practices which have promoted quality assurance: (i) preparation of lesson plans peer-reviewed by colleagues and a weekly log to record how the lessons were transacted in the classroom; (ii) programmes for keeping them up-to-date in latest pedagogical skills as well as in their disciplines; (iii) obtaining feedback from the students which is used by the teachers to improve their classroom teaching and management; (iv) conducting regular tutorial/special classes; (v) special classes for slow learners; (vi) examination reforms; and (vii) student progression cell. The IQAC regularly audits the activities of the doctoral committees for ensuring the quality of doctoral dissertations through regular review of student progress in research, presentation in the public forum of the research work in progress, pre-submission presentation before submission of the thesis, with the suggestions being incorporated in the thesis in consultation with the doctoral committee.

### **Impact of Monitoring on Students' Excellence in Academics, Research and Extra-curricular Activities**

Quality assurance in the teaching and learning process had a significant impact on students' performance. On average, 70-75% of UG students and 80-85% of PG students complete the programme and earn their degrees. In recent years, the percentage of students securing admission into higher education in other state agricultural universities on a competitive basis is on the increase. Similarly, the success rate in ICAR JRF/SRF, ARS-NET examinations, and also in other competitive examinations has increased many-fold. The data on student placement in various public and private organizations brings out the quality of the graduates of our institute. The feedback from industries and other stakeholders about their performance is also positive.





### 6.5.1.3. CC/ Board of Studies (BoS)

**Whether the CC in the department level and Board of Studies at the Faculty level is in place? Composition of BoS and date of conduct of meeting for last five years and major recommendations made by the BoS should be given in tabular form.**

Yes. The College ordinance as per autonomy provisions provides for the constitution of a Board of Studies in each Faculty and Department. The board of studies meets once in each academic session to review the curriculum to remove obsolescence and introduce a new direction to the courses such that it retains its knowledge-intensive trait and addresses the emerging needs. The courses are tailored with the objective of providing development and trained manpower to the needs of society. The guidelines of ICAR & suggestions of members of BoS are given due importance during revisions. BoS recommendations of UG and PG are placed before the Academic Council of the College for approval.

**Details of the present panelist of Board of Studies of various departments of faculty of agriculture are given below**

S. No.	Department	Name	Designation and Address
1	Agronomy	Dr. Raghavendra Singh	Principal scientist, ICAR-Indian Institute of Pulse Research, Kanpur
		Dr. Anil Kumar Singh	Asso. Prof. Deptt. of Agronomy, T.D.P.G. College, Jaunpur
		Dr. Santosh Kumar Singh	Associate professor, Department of Agronomy, Durgaji PG College, Azamgarh
		Dr. Kul Bhooshan Anand	Asstt. Prof. Deptt. of Agronomy, U.P. College, Varanasi
2	Genetic and Plant Breeding	Prof. Jagdamba Singh (Retd.)	Deptt. of Genetics & Pt. Breeding, I.A.S., B.H.U., Varanasi
		Dr. G.P. Singh	Director, IIWBR, Karnal, Haryana
		Prof. V.P. Singh (Retd.)	Dept. of Genetics & Pt. Breeding, I.A.S., B.H.U., Varanasi
		Dr. Ajay Prakash Singh	Asso. Prof. & Head, Dept. of Genetics & Pt. Breeding, U.P. College, Varanasi
		Dr. Pragya Parmita	Asso. Prof. & Head, Dept. of Genetics & Pt. Breeding, U.P. College, Varanasi
		Dr. Shyam Babu Verma	Asstt. Prof. Deptt. of Genetics & Pt. Breeding, U.P. College, Varanasi
3	Agricultural Economics	Prof. H.P. Singh	Professor, Dept. of Agril. Economics, IAS, B.H.U., Varanasi
		Dr. V.K. Rawat	Head, Dept. of Agril. Economics, B.R.D. College, Deoria
		Dr. Ranvijay Singh	Head, Dept. of Agril. Economics, Raja Balwant Singh College, Bichpuri, Agra
		Dr. S.K. Singh	Asso. Prof. & Head, Dept. of Agril. Economics, U.P. College, Varanasi





		Dr. M. K. Singh	Asso. Prof. Dept. of Agril. Economics, U.P. College, Varanasi
		Dr. Anil Kumar Singh	Asso. Prof. Dept. of Agril. Economics, U.P. College, Varanasi
		Dr. Anand Kumar Singh	Asso. Prof. Dept. of Agril. Economics, U.P. College, Varanasi
		Dr. Rakesh Kumar	Asso, Prof. Deptt. of Agril. Economics, U.P. College, Varanasi
		Mr.Dushyant Kumar	Asstt. Prof. Deptt of Agril. Economics, U.P. College, Varanasi
4	Agricultural Engineering	Prof. AnupamNema	Deptt. of Agril. Engineering, I.A.S., B.H.U., Varanasi
		Dr. S.K. Goyal	Asst. Prof. Deptt. of Agril. Engineering, I.A.S., B.H.U., Varanasi
		Dr. Krishna Kumar Patel	Deptt. of Agril. Engineering, P.G. College, Ghazipur
5	Agricultural Extension	Prof. A.K. Singh	Dept. of Agril. Extension, I.A.S., B.H.U., Varanasi
		Prof. KalyanGarey	Deptt. of Agril. Extension, I.A.S., B.H.U., Varanasi
		Dr. V.P. Singh	Sr. Scientist, K.V.K., Balrampur, N-9/D-19 Janaki Nagar, Bajardiha, Varanasi
		Dr. Mayank Singh	Asst. Prof. & Head Dept. of Agril. Extension, U.P. College, Varanasi
6	Agricultural Entomology	Prof. N.N. Singh	Ex. Head, Deptt. of Agril. Entomology, I.A.S., B.H.U., Varanasi
		Prof. D.V.S. Raju	Dept. of Agril. Entomology, IA.S., B.H.U., Varanasi
		Dr. R.P. Singh	Sr. Scientist, KV.K. Azamgarh, N.D.U.A.T., Kumargan, Faizabad
		Dr. Kuldeep Singh	Asso. Prof. Dept. of Agril. Entomology, U.P. College, Varanasi
7	Plant Pathology	Prof. Birinchi Kumar Sarma	Dept. of Mycology & Plant Pathology, IAS, B.H.U., Varanasi
		Dr. Rakesh Kumar Singh	Asso. Prof. Deptt of Mycology & Plant Pathology, I.A.S., B.H.U., Varanasi
		Dr. Jai P. Rai	Asso. Prof., Plant Protection, Deptt. of Mycology & Plant Pathology, K.V.K, Rajeev Gandhi South Campus (BHU), Barkaccha, Mirzapur
		Dr. Alok Kumar Singh	Asso. Prof. & Head, Deptt. of Plant Pathology, U.P. College, Varanasi
		Dr. AmilChauhan	Asst. Prof. Dept. of Plant Pathology, U.P. College, Varanasi
8	Agricultural Chemistry & Soil science	Dr. A.P. Singh	Prof. & Ex. Head Dept. of Ag. Chem& Soil Sc., I.A.S.B.H.U., Varanasi
		Dr. D.K. Singh	Prof. & Head Dept. of Ag. Chem. & Soil Sc., BirsaAgril. University, Kanke, Ranchi, Jharkhand





		Dr. S.K. Singh	Professor, Dept. of Ag. Chem. & Soil Sc., I.A.S., B.H.U., Varanasi
		Dr. R.P. Singh	Asso. Prof. & Head, Dept. of Ag. Chem. & Soil Sc., U.P. College, Varanasi
		Dr. S.K. Shahi	Asso. Prof. Dept. of Ag. Chem. & Soil Sc., U.P. College, Varanasi
9	Animal Husbandry and Dairying	Dr. Sudhir Singh	Ex. Chief Scientist, LIV. R. Adalpura, Varanasi
		Sri Ram Binay Singh (Retd.)	Asso. Prof. Dept. of A.H. & Dairying, U.P. College, Varanasi
		Dr. O.P. Singh	Asso. Prof. & Head, Dept. of A.H. & Dairying, U.P. College, Varanasi
		Dr. Sudhir Kumar Shahi	Asso. Prof., Deptt. of A.H. & Dairying, U.P. College, Varanasi
		Dr. Pradeep Kumar Singh	Asstt. Prof., Dept. of A.H. & Dairying, U.P. College, Varanasi
		Dr. Ashok Kumar Singh	Asstt. Prof. Dept. of AH. & Dairying, U.P. College, Varanasi
10	Horticulture	Dr. K.S. Tomar	Asso. Prof. Deptt. of Floriculture & Land Scaping Architecture, College of Horticulture & Technology, Banda
		Prof. A.K. Singh	Dept. of Horticulture, I.A.S., B.H.U., Varanasi
		Prof. Dheerendra Kumar Singh	Dean, College of Agriculture Campus, N.D.U.A. & T., Kumargani, Faizabad
		Dr. Dharmendra Kumar Singh	Asso. Prof. & Head, Dept. of Horticulture, U.P. College, Varanasi
		Dr. Diwaker Singh	Asso. Prof. Dept of Horticulture, U.P. College, Varanasi
		Dr. ShashiBala	Asstt. Prof. Dept. of Horticulture, U.P. College, Varanasi
		Dr. Shivraj Kumar Verma	Asstt. Prof. Dept of Horticulture, U.P. College, Varanasi
		Dr. Ankit Singh	Asstt. Prof. Dept of Horticulture, U.P. College, Varanasi

#### Details of academic council meetings held during last five years and major recommendations

Date and year	Major recommendations
25.06.2019	M. Sc. (Ag.) Horticulture Course No. HOR-512 Commercial Floriculture was revised as per the recommendation of BoS
21.12.2019	1. PG course curriculum for M. Sc. (Ag.) Agricultural Entomology was approved and recommended the starting up of the PG course in Agricultural Entomology Department. 2. Syllabus of B. Sc. (Ag.) was revised as per the recommendations of ICAR's 5 <sup>th</sup> Deans' Committee.
18.10.2021	Choice Based Credit System was adopted as per the National Education Policy-2020





#### 6.5.1.4. ANTIRAGGING CELL

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

Yes. The Faculty of Agriculture, Udai Pratap College adopts UGC Regulations on curbing the menace of ragging in higher education institutions 2009 in letter and spirit.

#### **Monitoring and Control Measures Implemented**

1. Anti-ragging cell is constituted under the headship of a senior faculty member including the chief warden, all wardens, and Heads of various department members.
2. A Nodal Officer is appointed exclusively for the Faculty of Agriculture.
3. This committee takes all possible efforts to make the campus a ragging-free one.
4. Anti-ragging squads involving all the teaching staff of the Faculty of Agriculture monitor the students in the hostel during the first three months of new admission. The roaster is followed to ensure that the students get moral support and guidance from the anti-ragging squad.
5. Parents and students are sensitized about the anti-ragging issues and their serious consequences on the commencement day and in subsequent orientation classes.
6. A letter of undertaking is obtained from students and parents to abide by the rules.
7. The rules and regulations including the punishments for ragging are mentioned in the prospectus and displayed at many places on the campus.
8. CCTV cameras located at various places on the campus help in continuous surveillance.
9. Anti-ragging banners at different locations are displayed with the contact numbers of the Nodal Officer and other members for lodging complaints.

Constitution of present anti ragging cell is as follows:

S. No.	Name & address	Designation
1	Dr. Dharmendra Kumar Singh (Principal)	Chairperson
2	Dr. Sudhir Kumar Rai (Associate Prof., Sociology)	Coordinator
3	Dr. Manish Kumar Singh (Dean, Student Welfare)	Member
4	Dr. Raghvendra Pratap Singh (Public relation officer)	Member
5	Dr. Alok Kumar Singh (Chief warden)	Member
6	Dr. Sanjay Kumar Sahi (Chief proctor)	Member
7	Dr. Neelima Singh (Assistant Prof., B. Ed.)	Women member
8	Dr. Anita Singh (Asso. Prof., Hindi)	Women member
9	Dr. Ranjana Shrivastava (Assist. Prof, Sanskrit))	Women member
10	Shri Himanshu Shekhar Singh (Office superintendent)	Member
11	SDM/Tehsildar, Varanasi	Member





12	SHO, Shivpur, Varanasi	Member
13	Shri Ramnath Singh (Alumni, UPC)	Member
14	Dr. Ram Vinay Singh (Non-govt. representative)	Member
15	Shri Jitendra Kumar Singh (Guardian representative)	Member
16	Ms. Anupriya Singh, M. Sc. (math) II year	Member

Details of the complaints and their disposal by anti-ragging cell during last five years:

S. No.	Academic session	Detail of the complaint and its disposal
1	2016-17	ARCC/UP-2521, 2571, 2583,2929,3058,3093
2	2017-18	ARCC/UP-3172, 3252, 3808
3	2018-19	ARCC/UP-4125, 4797, .4805, 4855, 4885
4	2019-20	ARCC/UP-5126, 5200,5208,5861,6145
5	2020-21	ARCC/UP-6295







#### 6.5.1.5. BIOLOGICAL WASTE DISPOSAL FACILITY

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

At faculty, two manure pits were constructed having three compartments each. The waste material collected while cleaning the college campus is collected and placed in dust bins (Blue & Green). The same material is placed in pits constructed at the instruction field for decomposition and again for recycling and to be used for field application. Regarding biological farms waste (plant stubbles, pruned plant material, harvest remains, etc.) is collected periodically and heaped in pits. The decomposing manure cultures are added to the pits. Turnings are given to the material placed in the pits. After 4-5 months the decomposed material is used as compost fertilizer for field application.

To reduce waste generation, e-communication is widely adopted and the use of plastic cups is strongly discouraged. Frequent awareness campaigns are conducted through NSS/NCC volunteers to inculcate the habit of a green and clean campus among the student and staff community. Biodegradable wastes generated on the campus and including Faculty of Agriculture premises are converted into a value-added product by composting and used for improving soil fertility.





Chemical, biological, and recyclable wastes created at the college level through a variety of research activities, clinical services, maintenance, and cleaning operations have all been disposed of in a systematic manner. Compost is made from field debris. Food waste is utilized to feed farm animals and composted. In the lady's hostel, an incineration unit has been erected, and soaks pit facilities are being utilized. Units for composting and vermicomposting biological wastes have been constructed. Chemical waste from laboratories is buried deep in the soil for disposal. The waste management committee handles lab and clinical waste. Waste and dust bins are kept at a set distance apart.

#### **6.5.1.6. INSTITUTIONAL ETHICS COMMITTEE FOR EXPERIMENT ON ANIMALS**

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

The Institutional Animal Ethics Committee has been constituted Vide Letter No. 177/A/2021-22, dated 12.07.2021. The detail of the committee is mentioned as follows:

<b>S. No.</b>	<b>Name</b>	<b>Position</b>
1	Dr. Darmendra Kumar Singh, Principal	Chairman
2	Dr. Tumul Singh, Associate Professor, Dept. of Zoology	Member Secretary
3	Dr. Kuldeep Singh, Associate Professor, Dept. of Agricultural Entomology	Member
4	Dr. S. K. Shahi, Associate Professor, Dept. of Animal Husbandry and Dairying (Incharge Animal House)	Member
5	Dr. P. R. Shivahre, Assistant Professor, Dept. of Animal Husbandry and Dairying	Member, Veterinary Expert

The committee has done internal meeting on 13.11.2021 and suggested for online registration in CPCSEA. Committee will get registration in CPCSEA very soon. College has well organized animal facility. Teaching and Research is mainly doing on livestock management, animal feeding and dairy processing aspects. A team of animal husbandry expert of agriculture faculty takes care of the animal feeding, management and general health monitoring mechanisms of the animals by adhering to the guidelines of CPCSEA.





### 6.5.1.7. COMMITTEE FOR PREVENTION OF SEXUAL HARASSMENT OF WOMEN AT WORK PLACES

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

Sexual harassment of women is a violation of the fundamental right of women to work in a safe environment. The Complaints Committee against Sexual Harassment at Workplace has been constituted by the authorities of the Udai Pratap College as per the Supreme Court judgment on the Vishaka case. The objective of the committee is “to maintain a congenial working environment for women employees and students of the college in accordance with the guidelines provided by the Supreme Court of India”. The committee members and activities of the complaints committee against sexual harassment in the workplace for the past five years are detailed below.

S. No.	Name	Designation
1	Dr. Anita Singh, Associate Professor, Hindi	Coordinator
2	Dr. Anand Raghav Chaubey, Assistant Professor, Chemistry	Member
3	Smt Ruby Singh, Assistant Professor, Economics	Member
4	Dr. Rajiv Kumar Singh, Warden, P.G. Hostel	Member
5	Dr. Meena Chaubey, Member-State Commission for Women, U.P.	Member
6	Miss. Garima Gautam, Clerk	Member
7	Shri Ranjit Kumar Singh, Lab Assistant	Member
8	Km. Anjali Chaubey, M.A. Third Sem., Geography	Member
9	Shri Om Kuwar Singh, B.Sc. Agriculture Fifth Sem.	Member
10	Km. Saumya Singh, M.Sc. Third Sem, Chemistry	Member





## 6.5.2. FACULTY

### 6.5.2.1. FACULTY STRENGTH

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

The faculty position includes Associate Professors and Assistant Professors. To fulfill the mandates of education, research, and extension, these positions are filled up based on the vacancy. Faculty members are recruited by U.P. Higher Education Services Commission. In lieu of vacant positions, if any, the classes are being managed by employing competent faculty through Management resources till the permanent faculty is appointed by the Higher Education Department, Uttar Pradesh

The present strength of teaching staff is detailed below.

**Table 1.1: Faculty strength (summary) of the Faculty of Agriculture.**

Sr. No.	Sanctioned faculty	Sanctioned post in position	Faculty in place	Vacant position	Faculty recommended by the ICAR/UGC/VCI/Other regulatory bodies
<b>Core Faculty</b>					
1	Professor	-	-	-	Higher Education Department, Uttar Pradesh
2	Associate Professor	-	15	-	Higher Education Department, Uttar Pradesh
3	Assistant Professor	38	15	01	Higher Education Department, Uttar Pradesh
4	Assistant Professor (Mandey)	-	03		UGC
5	Assistant Professor Management Arrangement		04		
	Total	38	37	01	

These staff members are from different core disciplines of Agriculture viz., Agronomy, Agricultural Economics, Agricultural Extension, Entomology, Genetics, and Plant Breeding, Agricultural Engineering, Horticulture, Soil Science and Agricultural Chemistry, Plant Pathology, and Animal Husbandry. To teach allied and supporting courses like Basic Science and Humanities (Statistics, Business Management, English, Environmental science, and Computer science), physical education, and yoga, staff members are drafted from various departments of the Faculty of Arts and Faculty of Science of the College. The strength of additional faculty members engaged at present in the Faculty of agriculture is given below.

### 6.5.2.2. FACULTY PROFILE (DEPARTMENT-WISE)

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





The strength of teaching staff in various departments of the Faculty of Agriculture is furnished below. Every teaching staff in the faculty is directly involved in teaching, research and extension. Baring few, most of the Departments have sufficient staff to meet the academic requirement of the faculty. The proposal for filling up of the vacant positions has been sent to the Higher Education Department, Uttar Pradesh and till the recruitment of permanent faculty, classes are engaged by qualified faculty members employed on temporary basis.

**Table 1.1: Faculty strength (summary) of the Faculty of Agriculture.**

Sr. No.	Sanctioned faculty	Sanctioned post in position	Faculty in place	Vacant position	Faculty recommended by the ICAR/UGC/VCI/Other regulatory bodies
<b>Core Departments</b>					
<b>1. Agronomy</b>					
1	Permanent Faculty	4	2	2	Higher Education Department, Uttar Pradesh
2	Management Arrangement	-	1	-	Higher Education Department, Uttar Pradesh
	Total	4	3	1	
<b>2. Department of Agricultural Chemistry &amp; Soil Science</b>					
1	Permanent Faculty	4	3	1	Higher Education Department, Uttar Pradesh
2	Management Arrangement	-	3	-	Higher Education Department, Uttar Pradesh
	Total	4	6	+2	
<b>3. Department of Genetics &amp; Plant Breeding</b>					
1	Permanent Faculty	4	4	NIL	Higher Education Department, Uttar Pradesh
	Total	4	4	NIL	
<b>4. Department of Plant pathology</b>					
1	Permanent Faculty	2	2	NIL	Higher Education Department, Uttar Pradesh
	Total	2	2	NIL	
<b>5. Department of Agricultural Entomology</b>					
1	Permanent Faculty	2	1	1	Higher Education Department, Uttar Pradesh
	Total	2	1	1	
<b>6. Department of Agricultural Extension</b>					
1	Permanent Faculty	2	2	NIL	Higher Education Department, Uttar Pradesh
	Total	2	2	NIL	





<b>7. Department of Agricultural Economics</b>					
1	Permanent Faculty	6	6	NIL	Higher Education Department, Uttar Pradesh
	Total	6	6	NIL	
<b>8. Department of Animal Husbandry and Dairying</b>					
1	Permanent Faculty	7	4	3	Higher Education Department, Uttar Pradesh
2	Mandey Lecturer	-	2	-	Higher Education Department, Uttar Pradesh
	Total	7	6	1	
<b>9. Department of Agricultural Engineering</b>					
1	Permanent Faculty	2	1	1	Higher Education Department, Uttar Pradesh
3	Mandey Lecturer	-	1	-	Higher Education Department, Uttar Pradesh
	Total	2	2	NIL	
<b>10. Department of Horticulture</b>					
1	Permanent Faculty	5	5	NIL	Higher Education Department, Uttar Pradesh
	Total	5	5	NIL	
<b>Ancillary Departments</b>					
<b>11. English</b>					
1	Permanent Faculty	NIL	NIL	NIL	Higher Education Department, Uttar Pradesh
2	Management Arrangement	-	1	-	Higher Education Department, Uttar Pradesh
	Total	NIL	1	NIL	
<b>12. Computer Science</b>					
1	Permanent Faculty	NIL	NIL	NIL	Higher Education Department, Uttar Pradesh
2	Management Faculty	-	2	-	Higher Education Department, Uttar Pradesh
	Total	NIL	2	NIL	
<b>13. Department of Physical Education</b>					
1	Permanent Faculty	1	1	NIL	Higher Education Department, Uttar Pradesh
	Total	1	1	NIL	
<b>14. Agricultural Statistics</b>					
2	Management Faculty (in Ag Statistics)	01	01	-	Higher Education Department, Uttar Pradesh
	<b>Grand Total</b>		<b>37+5</b>	<b>01</b>	





### 6.5.2.3. CREDENTIALS OF THE FACULTY

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

Each department of the Faculty of Agriculture has well qualified staff members to fulfill the objectives of quality teaching and research. Adequate emphasis is placed on up gradation of skills and knowledge. Staff members are encouraged to participate in refresher courses, workshops, seminars, conferences and training both in India and Abroad. Additional knowledge gained from such faculty development programmes are given due weightage in career advancement programmes. The qualifications and competencies of the staff members are presented in tabular form below:





SN	Name of the faculty	Designation	Subject/ Specialization	Total years of services	Awards/ Medals/ Fellowship/ Recognition	Publication(s)			Students guided as Chainman/ Co- chairman	
						Books/ chapter	Research papers	Articles	PG	Ph. D.
<b>Department of Agronomy</b>										
1	Dr. K. B. Anand	Assistant Professor	Agronomy	11	NIL		10	7	4	NIL
2	D.N. Singh	Assistant Professor	Agronomy	4	UGC Research Fellowship	04	04	08	NIL	NIL
3	Mr. Ganesh Pandey	Assistant Professor	Agronomy	1	NIL	NIL	NIL	NIL	NIL	NIL
<b>Department of Genetics and Plant Breeding</b>										
1	Dr. Ajay Prakash Singh	Associate Professor	Genetics and Plant Breeding	28	Crop Research Award – 1997	02	15	04	06	01
2	Dr. Sanjeev Singh	Associate Professor	Genetics and Plant Breeding	20	UGC JRF & SRF, Crop Research Award, 2004, Young Scientist Award, 2006, Fellow Indian Society of Genetics and Plant Breeding, New Delhi	01+08 = 09	29	-	-	-
3	Dr. PragyaParmita	Associate Professor	Genetics and Plant Breeding	20	Nominated as member of national foundation under Ministry of Social Justice and Empowerment, organized two national seminars of this ministry	06	13	-	-	-
4	Dr. ShyamBabuVerma	Assistant Professor	Genetics and Plant Breeding	11	JRF in year 1995-96 by ICAR, New Delhi Scientist of the year 2018	01	10	01	-	-





**Department of Agricultural Economics**

1.	Dr. S. K. Singh	Associate Professor & Head	Production Economics	34		02	31	05	58	08
2.	Dr. M. K. Singh	Associate Professor	Agricultural Marketing and Finance	31		06	28	09	71	07
3.	Dr. Anil Kumar Singh	Associate Professor	Production Economics	34		--	--	--	61	04
4.	Dr. Anand Kumar Singh	Associate Professor	Farm Management and Production Economics	28		--	12		43	04
5.	Dr. Rakesh Kumar	Assistant Professor	Agricultural Marketing and Production Economics	11					13	--
6.	Mr. Dusyant Kumar	Assistant Professor	Agricultural Marketing	11		--	08	--	06	--
7.	Mr. Manish Kumar Mishra	Assistant Professor	Statistics	06	--	--	--	--	--	--

**Department of Agricultural Engineering**

1	Dr. (Er.) Rajesh Kumar Rai	Asst. Prof. (Head)	Soil and Water Engineering	4+	-	4 Books/ 2 Chapter	2		-	-
2	Er. S. N. Mishra	Asst. Prof.	Soil and Water Conservation Engineering	14+	-	-	1		-	-

**Department of Animal Husbandry and Dairying**

1.	Dr. O.P. Singh	Associate Professor & Head	Animal Husbandry and Dairying	31	--	5	20	15	30	16
2.	Dr. S. K. Shahi	Associate Professor	Livestock Production and Management	16	--				14	--





3.	Dr. Shiv Bachan	Assistant Professor	Livestock Production and Management	11	Best oral presentation award (2), Young Scientist Associate award	--	04	--	03	
4.	Dr. Pushp Raj Shivahre	Assistant Professor	Animal Genetics and Breeding	4	NTS, ICAR-institutional Fellowship, Young Scientist Award	2	30	20	4	--
5.	Dr. P.K. Singh	Assistant Professor	Dairy Technology	14	Best Paper Presentation	4	12	06	14	--
6.	Dr. A. K. Singh	Assistant Professor	Poultry Science	14	Distinguished service award	03	10	02	14	--
<b>Department of Agricultural Entomology</b>										
1.	Dr. Kuldeep Singh	Associate Professor	Ag. Entomology (IPM)	21		15	3	N/A		
<b>Department of Horticulture</b>										
1.	Dr. D.K. Singh	Associate Professor	Floriculture	20	International noni fellowship award	02	26	30	50	6
2.	Dr. Diwakar Singh	Associate Professor	Pomology	20	International noni fellowship award	04	22	NIL	42	03
3.	Dr. Shashi Bala	Assistant Professor	Pomology	11	ICAR-JRF, ICAR-SRF	1 Book, 7 Bookchapter	24	09	25	NIL
4.	Dr. Ankit Singh	Assistant Professor	Pomology	04	B.Sc. (Ag.) Gold medalist, Two best poster Award, Best M.Sc. (Hort.) Thesis, ICAR-JRF	03	05	05	03	NIL
5.	Dr. Shivaraj Kr. Verma	Assistant Professor	Floriculture	04	Best Poster Presentation, ICAR-JRF, ICAR-SRF	2 (Book chapter)	11	7	02	NIL
<b>Department of Plant Pathology</b>										
1	Dr. Alok Kumar Singh	Associate Professor	Plant Pathology	20		10	06	32	NIL	NIL
2	Dr. Amit Chauhan	Assistant Professor	Plant Pathology	02		-	03	-	NIL	NIL
<b>Department of Agricultural Chemistry &amp; Soil Science</b>										
1	Dr. Raghwendra	Associate	Agricultural	28	Award:	08	72	21	130	08





	Pratap Singh	Professor & Head	Chemistry and Soil Science		CROPRESEARCH award for year 2004, <i>Honour:</i> Honoured by National Thinkers Forum on Teacher's day 5 <sup>th</sup> September, 2006, <i>Recognition:</i> Councilor of the Indian Society of Soil Science and member of Technical Committee during 2009-2011.					
2	Dr. Sanjay Kumar Shahi	Associate Professor	Agricultural Chemistry and Soil Science	16	GBPUAT, Pantnagar University fellowship during M. Sc.(Ag.), GBPUAT, Pantnagar University fellowship during Ph.D.	07	30		90	01
3	Mr. Aditya Kumar	Assistant Professor	Agricultural Chemistry and Soil Science	04	01. ICAR-JRF (2010-12)	04	08		05	NIL
4.	Dr. Ajai Kumar Singh	Assistant Professor	Agricultural Biochemistry	10			10		NIL	NIL
5.	Sri Sandeep Kumar Patel	Assistant Professor	Agricultural Chemistry and Soil Science	04			05		NIL	NIL
6.	Sri Om Prakash Pandey	Assistant Professor	Agricultural Chemistry and Soil Science	02			03		NIL	NIL
<b>Department of Agricultural Extension</b>										
1.	Dr. Mayank Singh	Assistant Professor	Agricultural Extension	12		01	09	02	NIL	NIL
2.	Dr. Jitendra Singh	Assistant Professor	Agricultural Extension	17		02	07	15	NIL	NIL





#### 6.5.2.4. TECHNICAL AND SUPPORTING STAFF

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

A total of 19 administrative and 52 technical and supporting staff is positioned to support various activities of different departments. Apart from technical and supporting staff, to assist the faculty in teaching, laboratory and research activities, unskilled labours are also engaged as per the requirement. Department wise details of the technical and administrative staff are given in the table below:

S. No.	Department	Number of staff		
		Secretarial staff	Technical staff	Supporting staff
1	Administrative office	12	02	12
2	Dean's office	-	01	01
3	Agronomy	-	01	01
4	Genetics and Plant Breeding	-	01	01
5	Agricultural Economics	-	01	02
6	Horticulture	-	02	02
7	Agricultural engineering	-	02	01
8	Agricultural Extension	-	01	01
9	Agricultural Entomology	-	-	01
10	Animal Husbandry and Dairying	-	02	02
11	Plant Pathology	-	-	01
12	Soil Science and Agricultural Chemistry	-	-	03
13	Dairy unit	-	03	12
14	Gardening unit	-	-	12

\* The above staffs are excluding the supporting staff of hostels, sports, yoga and other centralized services (viz. hospital, electricity, carpentry, water, etc.).





### 6.5.3. LEARNING RESOURCES

#### 6.5.3.1. COLLEGE LIBRARY (DIGITAL)

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

The Udai Pratap College prides itself on having a **Central Library**, which was established in the year 1949, catering to the quest for knowledge of thousands of students of varied disciplines. The built-in area of the library is about 1400sq.meters. It is acclaimed for its vast treasure of information in the form of books, monographs, periodicals, journals and other reference materials.

- At present 20 all subject journals (Agriculture journals 13), 17 magazines (Hindi and English) and 5 newspapers are subscribed in the library.
- CCTV Camera is installed in the library.
- Books are issued through a computerized logbook to the students from 10:30 am to 2:00 pm, and to teachers and staff from 3:00 PM to 5:00 PM.
- The library has fully air conditioned reading room.
- A separate reading room facility is available for the teachers.
- R.O. Water has been made available for drinking.
- The number of books of all subjects in the Central Library is 136836 (in which 13146 books are for Agriculture faculty). The number of reference books is 2308, the number of rare books is 03 and the number of books in the Book Bank is 2777. Book fair (Pustak Mela) was organized on 24<sup>th</sup> and 25<sup>th</sup> February 2020 which was inaugurated by Prof. T.N. Singh, Vice Chancellor, Mahatma Gandhi Kashi Vidyapeeth Varanasi. About 20 publishers participated in the book fair. Books worth about Rs. 450000.00 were purchased by the students and teachers.

The Central Library offers services to all students, faculty members and staff of the college. The Library has more than 5000 members, who visit frequently for references, borrowing books and using internet.





### Infrastructure:

- Display Racks.
- Magazine Racks.
- Photo Copier.
- Water Cooler.
- Generator Facility.
- 20 Computers With internet.
- Separate room for research Scholars.
- Total Carpet area-1148.26 m<sup>2</sup>.
- Seating Capacity-250.
- Working hours-8.00 am to 5.00 pm.

### Services:

- Automation has been adopted for issue/return and search of the books.
- E-Library.
- Circulation of books and journals.
- Display of current events/information.
- Bibliographic Compilation.
- Reference Facilities.
- Computer and Printing.
- Book Bank.
- Online faculty of Inlibnet for online access to e-journals.
- Uninterrupted Power Supply.
- OPAC (Online Public Access Catalogue) Service (in process).

### 2. Library Infrastructure (Location, Total Area, No. of rooms, Seminar halls, No. of Computers, Photocopiers, Printers, Seating capacity etc.

S.NO.	Library Infrastructure	
1.	Location	U.P. COLLEGE CENTRAL LIBRARY, VARANASI
2.	Total Area	1400 Square Meters
3.	No. of rooms	07
4.	Seminar halls	01
5.	No. of Computers	20
6.	Photocopiers	01
7.	Printers	04
8.	Seating capacity	250





### 3. Present Staff Position

S.No.	Position	Sanctioned	Filled	Vacant	Remark
1.	Librarian	02	0	02	--
2.	Library Clerk	07	06	01	--
3.	Book Lifter	02	02	0	--
4.	Peon	05	01	04	--

### 4. Digital Resource

S.No.	Digital Resource	Number/ Description
1.	Total No. of Computers	20
2.	Computers with internet facility	20
3.	Wi-Fi service available or not	Available
4.	Electronic Resources(e-books, e-journals, e-abstracts, e-databases and e-theses and video/CD library)	Teachers use Inflibnet for electronic recourse
5.	Plagiarism checking software (name)	not available
6.	Any other digital resource/technology available in the library	Institution is using DELNET recourses for books and references from other DELNET members

### 5. Books and Reading Materials

#### 5.1 Collection of books, Bound Volumes, Reports and Theses at the Library

S. No.	Reading Materials	Number/Description
1.	Books on agriculture and allied sciences	13146
2.	Theses on agriculture and allied sciences	741
3.	Periodicals/magazines subscribed	09
4.	Newspaper/ daily at the library	05
5.	International/ national journal subscribed	14
6.	Average No. of books on agriculture and allied science added per year during last five years	471

#### 5.2 Collection of volumes on different subjects of agriculture and allied sciences

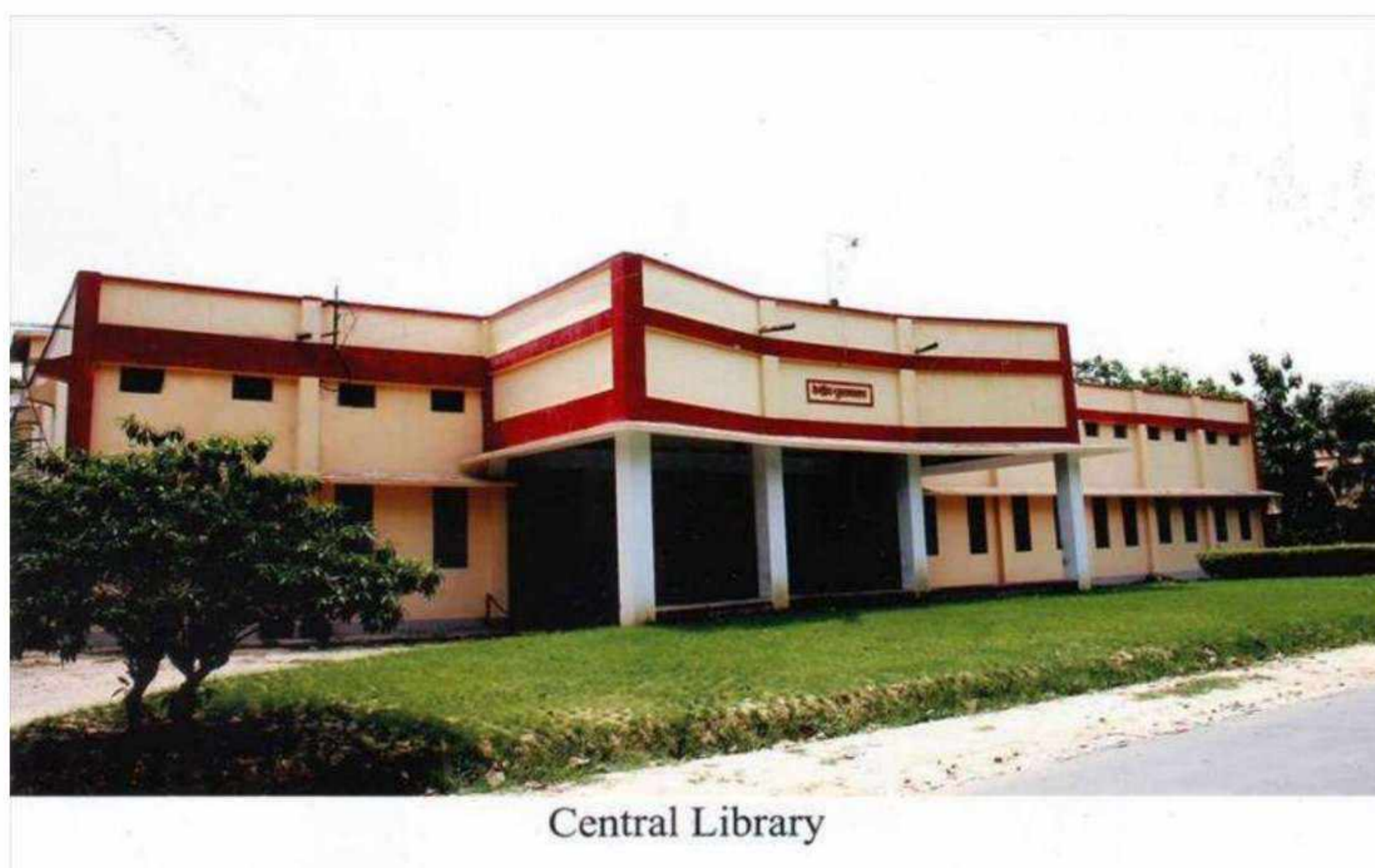
S.NO.	Reading Materials	Total No. of books	No. of books added during last five years
1.	Agronomy	1232	76
2.	Horticulture	848	111





3.	agricultural Chemistry & Soil science	1690	131
4.	Agricultural Entomology	643	87
5.	Agricultural Economics	793	109
6.	Agricultural Extension	740	142
7.	Genetics and Plant breeding	556	151
8.	Agricultural Engineering	551	142
9.	Animal Husbandry and Dairying	1059	239
10.	Plant Pathology	714	73
11.	Agricultural statistics	31	05
12.	Environmental science	458	100
13.	Crop Physiology	123	28
14.	Biochemistry	73	19
15.	Seed science & Technology	77	45
16.	Other allied sciences	3558	895

- 06. Latest facilities in the library:** - DELNET, Inflibnet, Internet facility.
- 07. Employing the latest technology in library sciences:** Library is member of INFLIBNET and DELNET.
- 08. Stock Arrangements:** - Books are arranged in stack according to call No. using computers.
- 09. Training Programs Organized in the Library:-** Training Program is organized time to time by the software providing co. “multifaceted software”.



Central Library





### 6.5.3.2. LABORATORIES, INSTRUCTIONAL FARM, WORKSHOPS, DAIRY PLANT, VETERINARY CLINIC, HATCHERY, PONDS ETC.

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

Each discipline has a laboratory for providing free access to the students. All the Departments of the Faculty are adequately equipped with sophisticated instrumentation facilities. In addition to this, the students of the faculty are provided the access to the laboratories of various departments of the Faculty of Science.

Apart from well-equipped laboratories in the Department of Agronomy, Entomology, Plant Pathology, Genetics and Plant Breeding, Horticulture and Soil Science and Agricultural Chemistry, Agricultural Extension and Agricultural Economics field laboratories with instructional facilities and experimental fields are maintained in the Department of Agronomy, Horticulture, Animal Husbandry, Soil Science and Agricultural Chemistry. Department of Agricultural Engineering has a well-established workshop housing traditional as well as modern farm equipments. Students are provided hands-on training in various crop production operations of the field as well as horticultural crops. The college has a well-established dairy unit, goat unit, poultry unit and fishery unit for practical demonstrations. The RajarshiUdyan (college garden) with a variety of landscape and flowering plants are used for teaching and practical.

The Faculty has well equipped Dairy farm along with a Poultry unit, Goat unit and fodder land that are under experimentation for conducting various postgraduate research experiments and hands-on training for the students. The Dairy farm has one tractor, farm equipments, tools and other machinery for providing hands-on training to the students. The Dairy farm has Murrah buffalo, Gangatiri and Crossbred cow, sheep & goat and Poultry unit has Karaknath, Deshi poultry, Guinea fowl, Croiler and Duck for practical of U.G. & P.G. students and conducting research experiment of P.G. students. The farm is situated adjoining of the faculty which is well maintained and easily approachable and properly connected with a road. The Dairy farm is having one Dairy Farm In-charge, one Farm Superintendent, two Dairy Supervisor and number of labours. Fodder land is well leveled with adequate irrigation facilities.

#### **Technical and Supporting Staff employed at dairy farm**

The dairy farm has appointed adequate technical/supporting staff for catering the needs of the livestock management and animal production. The distribution of technical staffs is furnished below:-





S. No.	Category of the staff	Present Strength and Deatails
1	Dairy Farm Incharge	Dr. S. K. Shahi
2	Farm Superintendent	01 – Sri Sanjay Bahadur Singh
2	Farm Supervisor	02 – Shivaji Singh, Rajesh Singh kharwar
3	Labours	15

### Detail of Animal Present in College Dairy farm:

#### Dairy Unit

S. No.	Species/ Breed	Number	Total
1	Murrah	16 (Female) + 12 (Heifer) + 1 (Bull) + 08 Suckling Calf	37
2	Gangatiri cow	11 (Female) + 1 (Bull) + 03 (Heifer) + 03 Suckling Calf	18
3	Cross Bred cow	25 (Female) + 1 (Bull) + 19 (Heifer) + 10 Suckling Calf	55
4	Bullock (Gangatiri)	1	01

#### Goat Unit

S. No.	Species/ Breed	Number
1	Goat	02 (Female) + 0 (Male)
2	Sheep	06 (Female) + 02 (Male)

#### Poultry Unit

S. No.	Species/ Breed	Number
1	Karaknath	250
2	Croiler	295
5	Duck	03





Quail Unit



Duck Unit



Cattle Unit



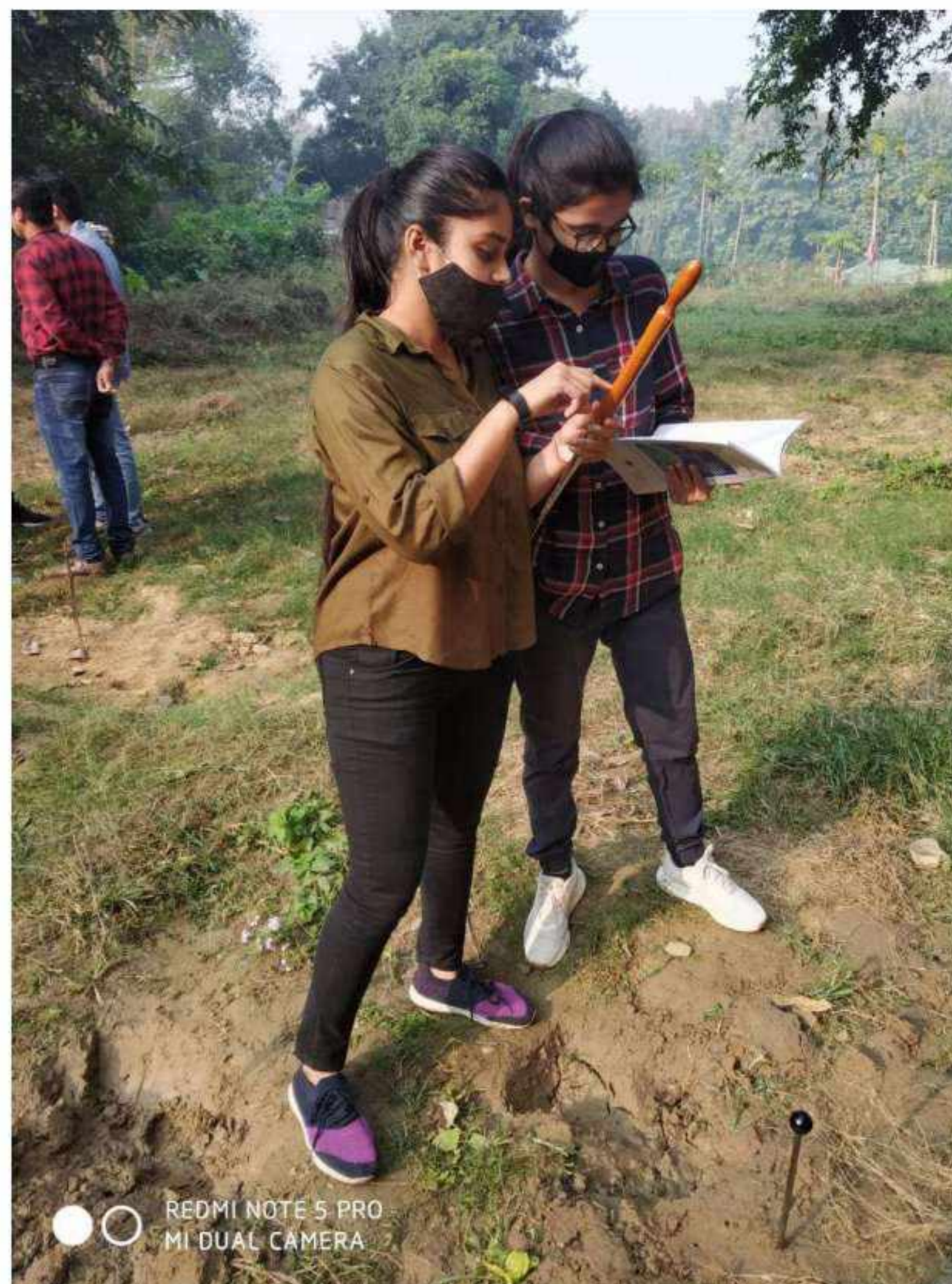
Buffalo Unit







B. Sc. Hons) Ag. Students in Dairy Lab



B. Sc. (Hons) Ag. Students in Soil Science Practical



B. Sc. (Hons) Ag. Students in Agronomy Practical (Practical Crop Production)





### **6.5.3.3 STUDENT READY / IN-PLANT TRAINING / INTERNSHIP / EXPERIENTIAL LEARNING PROGRAMMES**

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

As per ICAR recommendations, student READY component has been incorporated into the curriculum with effect from 2019-20. Under this programme, during the VII Semester, experiential learning modules are offered with choice-based registration. During the VIII semester, students are sent to live in rural area (6 weeks) and attached with farm families for Rural Agriculture Work Experience (RAWE). This course is offered in team teaching mode with continuous support, guidance and monitoring. In the next phase of the programme, students are sent to various industries/NGOs/KVKs in and around the Varanasi district. Students are attached with the industries/NGOs/KVKs for 12 weeks to get entrepreneurial experience and project preparation.

### **6.5.3.4. CURRICULA DELIVERY THROUGH IT (SMART CLASSROOMS/INTERACTIVE BOARD, ETC.)**

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

Yes. One smart class room and four practical labs equipped with smart boards are available in the Faculty to cater to the delivery of teaching and for practical content to students.

## **6.5.4. STUDENT DEVELOPMENT**

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

### **6.5.4.1. STUDENT INTAKE AND ATTRITION**

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





The details of students admitted into various UG & PG programs during the last five years along with attrition percentage is given below

	2016-17	2017-18	2018-19	2019-20	2020-21
<b>B. Sc. (Ag.)</b>					
<b>Actual students admitted</b>	150	171	162	176	161
<b>Student attrition</b>	07	22	18	15	6
<b>Attrition (%)</b>	4.5	12.8	11.1	8.5	3.7
<b>M. Sc. (Ag.) Horticulture</b>					
<b>Actual students admitted</b>	15	15	15	15	17
<b>Student attrition</b>	5	1	0	3	3
<b>Attrition (%)</b>	33.3	6.6	0	20	17.6
<b>M. Sc. (Ag.) Agricultural Economics</b>					
<b>Actual students admitted</b>	15	15	15	15	15
<b>Student attrition</b>	2	5	2	2	2
<b>Attrition (%)</b>	13	33.3	13	13	13
<b>M. Sc. (Ag.) Animal Husbandry and Dairying</b>					
<b>Actual students admitted</b>	8	10	8	8	8
<b>Student attrition</b>	2	0	1	1	1
<b>Attrition (%)</b>	25	0	12.5	12.5	12.5
<b>M. Sc. (Ag.) Soil Science and Agricultural Chemistry</b>					
<b>Actual students admitted</b>	15	14	15	15	15
<b>Student attrition</b>	3	2	3	4	3
<b>Attrition (%)</b>	20	14.3	20	26	20

#### 6.5.4.2. AVERAGE NUMBER OF STUDENTS IN THEORY AND PRACTICAL CLASSES

*Average Number of Students in Theory and Practical Classes: Mention the Degree Programmewise number of students sitting in a class for theory and practical, separately in tabular form.*

S. No.	Name of the degree programme	Batch of students in	
		Theory class	Practical class
1	B. Sc. (Ag.)	88	44
2	M. Sc. (Ag.) Horticulture	15	15
3	M. Sc. (Ag.) Agricultural Economics	15	15
4	M. Sc. (Ag.) Animal Husbandry and Dairying	8	8
5	M. Sc. (Ag.) Soil Science and Agricultural Chemistry	15	15

#### 6.5.4.3. ADMISSION PROCESS

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





Faculty of Agriculture admits students meeting the prescribed eligibility criteria based on merit. The admission notification is widely publicized in National/ Regional News Papers, in addition to online advertisement on the Website (<https://www.upcollege.ac.in>) of Udai Pratap College. The online prospectus provides information on seats, subjects, syllabus, academic requirements, fee structure, fellowships, awards and medals, hostel facilities *etc.* Students seeking admission have to apply on line and can download the admit card for entrance. The rule of reservation policy of Govt. of Uttar Pradesh is strictly followed in allocation of seats. The applications for admissions to B.Sc. (Hon.) Agriculture/are received online.

Admission to the first year B.Sc. (Hons.) Agriculture degree programme is made on merit prepared on the basis of the marks obtained by the candidate in the entrance examination to be conducted by the College. A candidate shall be eligible to appear at the AET if he/she has (i) Passed 10 + 2 Intermediate Examination in Agriculture/Science stream, and (ii) has not crossed 22 years on 1<sup>st</sup> July of the academic year. The question paper of entrance exam consists of questions from science as well as agriculture of 10+2 level. Admissions to M.Sc. (Ag.) are made based on the marks obtained by the candidates in entrance examination with 100 questions of graduations level.

### **Mechanism of Admission and Fee Payment for UG, PG, and Ph.D. Programmes**

The overall rank and category wise rank lists are published in the college website (<http://www.upcollege.ac.in>). Counseling letters can be downloaded by the candidates from website. The tuition fee, hostel fee, and examination registration fee may be paid through online and cash.

### **Registration Procedure**

Offline registration for all the subjects in the semester is done by the candidate after approval of the Dean, Faculty of Agriculture, within 15 days of reopening of the semester.

### **Academic Schedule Preparations**

The academic calendar is prepared for every academic year and uploaded in the college's website. A hard copy is also circulated among students and staff members.

#### **6.5.4.4. CONDUCT OF PRACTICAL AND HANDS ON TRAINING**

*Mention the brief report on how the practical and hand-on-training is being conducted in different courses to meet the student satisfaction. Write information in one page only.*

- ❖ Students are trained on basic laboratory techniques and applied aspects at field level.





- ❖ Students are trained on identification of weeds/plant species/insects/diseased symptoms, nutrient deficiency symptoms, etc.
- ❖ Students are given hands-on training in collection of soil samples, plant propagation techniques, plant protection techniques, etc.
- ❖ Students cultivate crops by themselves and learn crop cultivation practically.
- ❖ Students are exposed to practical agriculture by field trips to meet progressive farmers at different villages.
- ❖ The students undergo Agro-Industrial tie-up programme in different agro-based industries, Rural Agricultural Work Experience programme in villages and Experiential Learning Programme.

#### 6.5.4.5. EXAMINATION AND EVALUATION PROCESS

*The evaluation of students' performance is a central task of College administration. A brief report on examination and evaluation process for UG, PG and PhD be given separately mentioning external/internal components. System of evaluation should clearly be mentioned for UG, PG and PhD.*

#### **B.Sc. (Hons.) Agriculture /**

- ❖ Mid-semester examinations are conducted by the HODs of various Departments of Faculty of Agriculture. Department wise question paper setting and an internal evaluation system is followed for mid-semester examination. The marks are displayed on the department's notice board. Students who fail to appear for the mid-semester examination due to genuine/official reasons are permitted to take up missing examination of the particular course.
- ❖ Final practical examinations are conducted as per schedule proposed by the HODs of various Departments of Faculty of Agriculture and approved by the Controller of Examinations. Two examiners appointed by the controller of examinations form the internal examiners panel approved by the Board of Studies of respective subject will conduct the practical examination. Internal evaluation system is followed in practical exams.
- ❖ Final theory examinations are conducted by the Controller of Examinations. Each session of examination is monitored by a Central Superintendent and hall invigilators. The question papers are set by the internal as well as external examiners in 50:50 ratio. Central valuation system is followed with strict monitoring and 50% internal and external examiners are drafted for this purpose. The answer scripts are barcoded to maintain confidentiality.
- ❖ The examiners for under graduate programmes are proposed by the Principal/Controller of Examinations from the list of examiners approved by the Board of Studies.





- ❖ Re-evaluation is also allowed for the needy students.
- ❖ After completion of each semester, the students are given the statement of marks by the Controller of Examinations. At the end of the programme, the consolidated transcript is issued to the students by the Controller of Examinations.

### Post Graduate Programme

- ❖ Every teacher handling a subject conducts Mid-semester examinations as per the scheme drawn by the Head of the Department/PG coordinator and evaluates the answer scripts. The evaluated answer scripts are shown to the students. Students who fail to appear for the mid-semester examinations due to genuine/official reasons are permitted to take up the missing examination of the particular course.
- ❖ Final practical examinations are conducted separately towards the end of each semester by adopting a separate schedule proposed by the Head of the Department and approved by the Controller of Examinations. Two examiners appointed by the Controller of Examinations conduct the practical examination separately towards the end of the semester.
- ❖ Final theory examination is conducted towards the end of the semester by the Controller of Examinations. Each session of examination is monitored by a Central Superintendent and hall invigilators. Question papers are set by the internal as well as external examiners in 50:50 ratio. Answer scripts are barcoded to maintain confidentiality.
- ❖ Re-evaluation is also allowed for the needy students.
- ❖ The examiners for PG programme are proposed by the Principal/ Controller of Examinations from the list of examiners approved by the PG Board of Studies.
- ❖ After completion of each semester, the students are given the statement of marks by the Controller of Examinations. At the end of the programme, the transcript will be prepared by Controller of Examinations and issued to the students.
- ❖ The advisory committee of each student evaluates the progress of the thesis research work as per the approved programme and monitor registers and awards Satisfactory / Unsatisfactory, depending upon the quantity and quality of work done by the student.

The evaluation system followed in the faculty is detailed below.

S. No.	Name of the programme	Evaluation criteria
1	B.Sc. (Hons.) Agriculture	Mid term, End term and Practical examination
2	M.Sc. (Ag.)	Mid term, End term and Practical examination for Course work; Thesis evaluation and Viva-voce
3	Ph.D. (Ag.)	Mid term, End term and Practical examination for Course work; Thesis evaluation and Viva-voce





The Faculty of Agriculture has adopted 10-point OGPA scale from the academic session 1999-2000 onwards.

S. No.	Name of the programme	Minimum GPA for completing a course	Minimum OGPA for completing a Degree
1	B.Sc. (Hons.) Agriculture	5.0	5.5
2	M.Sc. (Ag.)	5.0	5.5
3	Ph.D.(Ag.)	5.0	5.5

#### 6.5.4.6. NCC /NSS/ RVC UNITS

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

#### **NCC**

National Cadet Corps (NCC), National Service Scheme (NSS) and Rovers & Rangers function effectively in the Faculty of Agriculture, Udai Pratap College. NCC and NSS are included in the course curriculum and it is mandatory for the students to register for NCC or NSS programme.

#### **Details of the NCC unit**

The NCC in India was formed with the National Cadet Corps Act of 1948 as a second line of defense. The NCC in our college was opened in 1955 with 3 units.

At present we have two platoons of girls – Senior Wing (SW) with the sanctioned strength of 107 cadets and one company of boys – Senior Division (SD) with the sanctioned strength of 154 cadets in our college. Besides this, the head office of 100 UP BN NCC is situated in our college campus which hosts 6 companies of the NCC spread over the 18 institutions. We also have the firing range in our college campus which was established in our college in 1996. Cadets in the senior division and senior wing are admitted as per the guidelines of DG NCC.

#### **Present strength**

At present we have two platoons of senior girls (SW) and one company of senior boys (SD).

- Girls unit in-charge: Lt. (Dr.) Mayank Singh
- Boys unit in-charge: Lt. Deo Narayan Singh

Unit	First year	Second year	Third year	Total
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Senior Girls (SW)	31	46	30	107
Senior Boys (SD)	51	37	66	154

### NCC Training Schedule:

- **Institutional Training**: Institutional training conducted at Colleges and Schools is the mainstay of NCC training and is conducted by Associate NCC Officers and Armed Forces personnel. In our college, the NCC parade and lectures are held on every Monday and Tuesday as part of the institutional training.
- **Camp Training**. Camp training is the practical manifestation of institutional training. The basic aim of Camps is to introduce cadets to a regimented way of life and helps in developing camaraderie, team work, leadership qualities, self-confidence, self-reliance and dignity of labour in the cadets. The various types of camps conducted by the NCC are as follows:
  - National Integration Camp (NIC)
  - ThalSainik Camp (TSC)
  - Army Attachment Camp (AAC)
  - Airforce Attachment Camp (AAC)
  - Republic Day Camp (RDC)
  - Combined Annual training Camp(CATC)
  - Leadership Camp
  - VayuSainik Camp
  - NauSainik Camp
  - Rock Climbing Camp
  - Trekking camp



NCC Cadets in CATC Camp

### Other activities carried out in NCC:

NCC has adopted community development activities with the aim of imbuing amongst cadets selfless service to the community, need to protect the environment and to assist weaker sections of the society in their upliftment. This is achieved through programmes involving:

- Adult-education
- Tree plantation
- Blood donation
- Awareness Rallies
- Cleanliness drive
- Ganga SafaiAbhiyan



### Activities carried out by our NCC units during last five years





## Academic year 2021-22

### A) Social service & community development

Date	Place	Type of Activity (Brief Description)	Total cadets Participated	Remarks
21-Jun-21	Online	International Yoga Day	240	Cadets also participated in "Yoga day Quiz" at Mygov.in platform
01-07 July-21	U P College campus, Varanasi	Tree plantation drive	25 SW & 35 SD	Mango, Neem, Ashok, etc. plants were planted in the campus
06-13 Oct-21	U P College campus, Varanasi	SwachchhataPakhwada (Area Cleaning)	145	02 ANOs also participated
15-25 Dec-21	ShashtriGhat, Varuna River	NadiUtsav (Cleaning of rivers)	130	Cleaning of Ghats in river Varuna and awareness campaign through posters

## उदय प्रताप कॉलेज और महाबोधि के एनसीसी कैडेट्स ने मनाया नदी उत्सव

**कैडेटों ने निकाली जन जागरण रैली चित्रकारी प्रतियोगिता में प्रणिता प्रथम तथा काजल पासवान द्वितीय कैडेटों ने ली नदी स्वच्छता की शपथ**



**गांडीव, वाराणसी, 22 दिसम्बर।** एनसीसी निदेशालय के निर्देशानुसार सौवीं बटालियन एनसीसी के तत्वधान में उदय प्रताप महाविद्यालय, उदय प्रताप इंटर कॉलेज एवं महाबोधि इंटर कॉलेज सारनाथ में बुधवार को नदी उत्सव अभियान के अंतर्गत चित्रकला प्रतियोगिता, जन जागरण रैली तथा नदी स्वच्छता की शपथ कैडेटों को दिलाई गयी।

उदय प्रताप इंटर कॉलेज के एनसीसी अधिकारी लेफ्टिनेंट सारनाथ सिंह ने कैडेटों को नदियों को स्वच्छ रखने की शपथ दिलाई। कैडेटों ने कॉलेज परिसर से जन जागरण रैली निकाली जो विद्यालय के मुख्य द्वार से प्रारंभ होकर शास्त्री घाट वरुणा पुल पर समाप्त हुई। जहां कैडेटों ने लेफ्टिनेंट मयंक सिंह के नेतृत्व में सफाई अभियान चलाया। नदी उत्सव चित्रकारी प्रतियोगिता में

प्रणिता को प्रथम एवं काजल पासवान को द्वितीय स्थान प्राप्त हुआ। इसी क्रम में महाबोधि इंटर कॉलेज सारनाथ के कैडेटों ने योगाभ्यास किया। कैडेटों ने त्रिकोण आसन, पद्मासन, ताड़ासन, मयूरासन के साथ-साथ अनुलोम विलोम, कपालभाति, भ्रामरी प्राणायाम का अभ्यास किया। कार्यक्रम की शुरुआत करते हुए कैप्टन प्रवीण श्रीवास्तव ने नदियों के किनारे संपन्न होने

वाले उत्सव की जानकारी कैडेटों को दी। आपने कहा नदियां जीवन का आधार है, नदियों के किनारे हमारी सभ्यताओं का जन्म हुआ है, हमारी प्राथमिक आवश्यकता रोटी कपड़ा तथा मकान का माध्यम है नदियां। गंगा नदी हमारी सांस्कृतिक धरोहर ही नहीं हमारे जीवन का आधार भी है। इस अवसर पर प्रतियोगिताओं का भी आयोजन विद्यालय की तरफ से किया गया।

## यूपी कॉलेज में एनसीसी कैडेटों ने मनाया नदी उत्सव



प्रहरी भीमरास संवाददाता

**वाराणसी।** 100 यूपी वाहिनी एनसीसी के तत्वधान में यूपी कॉलेज में एनसीसी कैडेटों ने नदी उत्सव कार्यक्रम का आयोजन किया। इस अवसर पर डिग्री कॉलेज और इंटरमीडिएट कॉलेज के छात्र सैनिकों ने नदियों की स्वच्छता का अभियान चलाया। छात्रों के लिए चित्रकला प्रतियोगिता का आयोजन हुआ। कैडेटों ने गंगा एवं अन्य नदियों के संरक्षण एवं जीर्णोद्धार की शपथ ली। उदय प्रताप इंटर कॉलेज के एनसीसी अधिकारी लेफ्टिनेंट सारनाथ सिंह ने सभी कैडेटों को नदियों को स्वच्छ रखने की शपथ

दिलाई। इसके पश्चात एनसीसी कैडेटों ने परिसर से जन जागरण रैली निकाली। जो कॉलेज के मुख्य द्वार से कंपनी बाग होते हुए वरुणा नदी पहुंची। शास्त्री घाट पर सफाई अभियान चलाया जिसके तहत कैडेटों ने घाटों पर सफाई की एवं लोगों को नदियों पर गंदगी ना फैलाने के लिए जागरूक किया। एनसीसी अधिकारी लेफ्टिनेंट मयंक सिंह ने बताया कि अधिकांश बीमारियां दूषित जल से ही होती हैं इसीलिए जलाशयों को स्वच्छ रखने की मंशा से ही हमारे देश में नदियों को माता की संज्ञा दी गई है। नदियों को साफ रखना प्रत्येक व्यक्ति का कर्तव्य है। नदियां तालाब आदि जलाशय यदि साफ-सुथरे रहेंगे तो हम सभी बीमारियों से मुक्त रहेंगे। नदी उत्सव चित्रकला प्रतियोगिता में प्रणिता को प्रथम स्थान एवं काजल पासवान को द्वितीय स्थान प्राप्त हुआ।



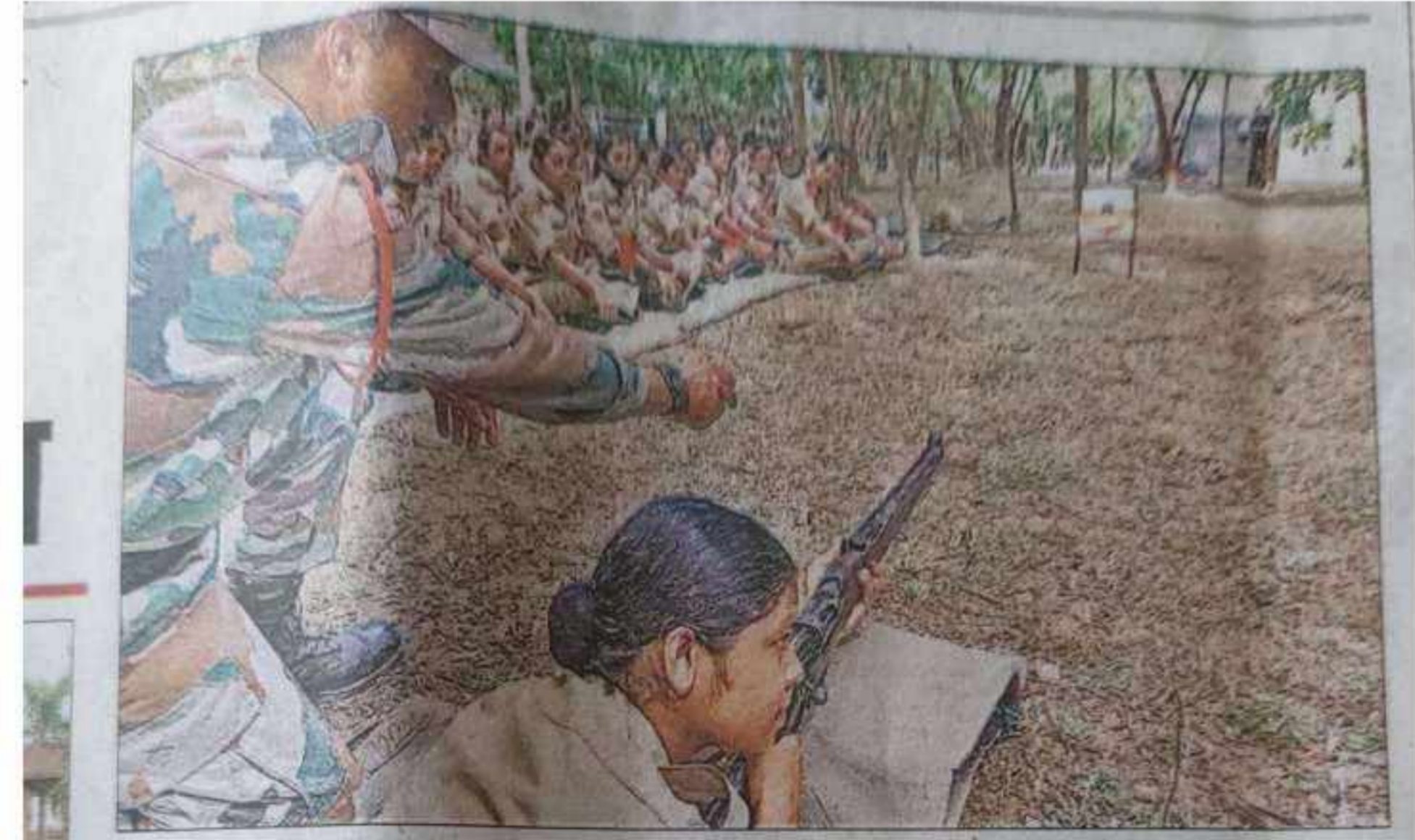


## B) Training Camps organized in the college

Camp Name	Date	Total cadets Participated	Remarks
CATC-320	20-26 September, 2021	190 of "C" certificate	Drill practice, firing practice and screening for RDC was done
CATC-315	27 Sep.-01 Oct., 2021	405 of "B" certificate	Drill practice, firing practice and screening for RDC was done

**यूपी कॉलेज में तीन जिलों के 190 कैडेटों का प्रशिक्षण शुरू**

वाराणसी। एनसीसी के 100वीं बटालियन की ओर से संयुक्त वार्षिक प्रशिक्षण शिविर शुरू हुआ। यूपी कॉलेज में चलने वाले शिविर में वाराणसी, आजमगढ़, जौनपुर के 190 कैडेट भाग ले रहे हैं। कमांडिंग ऑफिसर कर्नल आशीष त्रिपाठी ने कहा कि सी प्रमाण पत्र के लिए कैडेटों को तैयार करना शिविर का मुख्य उद्देश्य है। कठोर अनुशासन शिविर की बुनियाद है। सात दिवसीय शिविर में सुबह 8 से शाम 4.30 बजे तक हथियार, मानचित्र अध्ययन तथा ड्रिल पर विशेष ध्यान दिया जाएगा। इस दौरान ले. उषा बालचंदानी, देवनारायण सिंह, सूबेदार मेजर हिम्मत सिंह चाहर, सूबेदार आरके, पणू नेगी मौजूद रहे। ब्यूरो



यूपी कॉलेज के फायरिंग रेंज में चल रहे कैम्प में बुधवार को लक्ष्य पर निशाना साधती एनसीसी की कैडेट। • हिन्दुस्तान

## यूपी कॉलेज में लंबे समय बाद गूँजा लोड... एम... फायर

### एनसीसी कैम्प

वाराणसी | वरिष्ठ संवाददाता

यूपी कॉलेज का शार्ट फायरिंग रेंज बुधवार को 20 महीने बाद गुलजार हुआ। वी सर्टिफिकेट के लिए ट्रेनिंग ले रहे एनसीसी कैडेटों ने रेंज की सफाई की। उन्हें .22 राइफलों से शार्ट रेंज फायरिंग का अभ्यास भी कराया गया। रेंज में पूरे दिन लोड...एम...फायर के साथ गोलियों की आवाजें गूँजती रहीं। महिला कैडेटों ने भी इस फायरिंग सत्र में बढ़-चढ़कर हिस्सा लिया। कॉलेज की फायरिंग रेंज में कैडेटों

को अधिकारियों ने असलहों के काम करने के तरीके बताए। उन्हें अचूक निशानेबाजी के गुर और प्रतिबंधित क्षेत्र में फायरिंग के दौरान की सावधानियों के बारे में भी बताया गया। कैम्प कमांडेंट कर्नल आशीष त्रिपाठी ने कहा कि शार्ट रेंज होने के कारण अभी .22 राइफलों से फायरिंग की ट्रेनिंग दी जाती है। भविष्य में लांग रेंज मिलन होने पर कैडेटों को 7.62 एसएलआर से भी फायरिंग की ट्रेनिंग दी जाएगी। इस मौके पर लेफ्टिनेंट कर्नल ऋषिराज चरण, ऊषा बालचंदानी, सारनाथ सिंह, मयंक सिंह, सूबेदार मेजर हिम्मत सिंह चाहर, खुशपाल सिंह आदि मौजूद थे।

### मेनोपॉज पर राष्ट्रीय कांफ्रेंस कल से

वाराणसी। इंडियन मेनोपॉज सोसायटी और वाराणसी मेनोपॉज सोसायटी की ओर से तीन दिवसीय 26वां राष्ट्रीय कांफ्रेंस आईएमएससीऑन-2021 एक अक्टूबर से नदेसर स्थित होटल ताज गैंगेज में शुरू होगा। इसका औपचारिक उद्घाटन दो अक्टूबर को होगा। मुख्य अतिथि के रूप में राज्यपाल आनंदीबेन पटेल कांफ्रेंस से वचुअली जुड़ेंगी। यह जानकारी बुधवार को पराङ्क भवन में वाराणसी मेनोपॉज सोसायटी की सचिव डॉ. नीलम ओहरी ने मीडिया को दी। उन्होंने कहा कि इस बार व थीम 'प्रेवेंटिंग दी प्रेवेंटेबल' तथा 'जाँय आफ एजिंग बॉडी माइंड एं स्पिरिट' है।







### C) National Level Camps attended by cadets of the college

Camp Name	Date	Place	Total cadets Participated	Remarks
EBSB Camp	24-29 August, 2021	Online	10 (5 SD + 5 SW)	
Pre-RDC-II	08-15 November, 2021	Ghaziabad	8 (4 SD + 4 SW)	One cadet was selected from this camp for RDC-2022
All India Trekking Camp	09-15 Nov, 2021	Namchi, Sikkim	15 SW	
IMA Dehradun Camp	21 Dec 2021 – 08 Jan, 2022	Dehradun	2 SD	Shivam Kumar Tiwari & Pushpraj Tiwari
RDC-2022	01-29 January, 2022	New Delhi	01 SD	Amit Kumar Rai

## यूपी कालेज के एनसीसी कैडेट अमित कुमार राय का चयन गणतंत्र दिवस परेड के लिए

वाराणसी, 18 दिसम्बर। सौवीं यूपी वाहिनी एनसीसी से संबंध उदय प्रताप महाविद्यालय की एनसीसी (राष्ट्रीय कैडेट कोर) के सीनियर अंडर ऑफिसर अमित कुमार राय का चयन गणतंत्र दिवस पर राजपथ पर होने वाली परेड के लिए हुआ है। फुलवरिया निवासी सुरेश राय के बेटे अमित राय का सपना भारतीय सेना में अफसर बनकर देश सेवा करने का है। इनके पिता भी भारतीय सेना की आर्टिलरी कोर में सूबेदार मेजर के पद से सेवानिवृत्त हैं।

उदय प्रताप कॉलेज एनसीसी के कंपनी कमांडर लेफ्टिनेंट देव नारायण सिंह का कहना है कि एनसीसी वाराणसी ग्रुप 'बी' के अंतर्गत आने वाली सौ से अधिक

गणतंत्र दिवस परेड में शामिल होंगे उदय प्रताप कालेज के कैडेट अमित कुमार राय

वाराणसी बी ग्रुप के कैडेट अमित का चयन गणतंत्र दिवस परेड के लिए

संस्थाओं से गणतंत्र दिवस के लिए मात्र 2 कैडेटों का ही चयन हुआ है। उत्तर प्रदेश से इस वर्ष गणतंत्र दिवस परेड के लिए कुल 57 कैडेटों का चयन हुआ है। कैडेट अमित राय एवं उनके कंपनी कमांडर को वाराणसी ग्रुप 'बी' के एनसीसी कमांडर ग्रुप कैप्टन संजीव दोषी, 100

यूपी वाहिनी एनसीसी के कमान अधिकारी कर्नल आशीष त्रिपाठी, लेफ्टिनेंट कर्नल ऋषि राज चरण, पूर्व एनसीसी अधिकारी डा मेजर अरविन्द कुमार सिंह, लेफ्टिनेंट मयंक सिंह एवं उदय प्रताप कॉलेज के प्राचार्य डॉ धर्मेन्द्र सिंह ने बधाई दी है।







**D) Cadets of the college who got selection in Armed Forces**

S. No.	Regimental No.	Name of Cadets	Remarks
01	UP 19 SDA 716026	Bhawani Pratap Singh	General duty (Indian Army)
02	UP 20 SDA 716018	Ashutosh Kumar Singh	General duty (Indian Navy)

**E) Special Achievements of NCC units of the College**

- SUO Amit Kumar Rai of 1<sup>st</sup> Coy. Participated in RDC-2022 and received the DG NCC Commendation card for his best performance at RDC
- SUO Soundarya Tripathi was adjudged as second best cadet of Varanasi Group B and received DG NCC appreciation letter for her performance
- UO Shivam Kumar Tiwari was selected in reserve category for YEP-2021



SUO Amit Kumar Rai receiving DG NCC Commendation card from Lt. Gen. Gurbir Pal Singh





**Academic year 2018-19**

Date	Place	Type of Activity (Brief Description)	Total cadets Participated	Remarks
21-Jun-19	U P College Ground, Varanasi	International Yoga Day	250	150 school students and 50 civilians also participated
26-Jan-19	Police Line Parade Ground, Varanasi	Republic day parade	25 SW & 15 SD	
01-7 Oct-18	U P Inter College, Varanasi	Swachchhata Pakhwada (Area Cleaning)	45	01 ANO and 12 civilians also participated

**Academic year 2017-18**

Date	Place	Type of Activity (Brief Description)	Total cadets Participated	Remarks
21-Jun-18	U P College Ground, Varanasi	International Yoga Day	300	350 school students and 50 civilians also participated
01-Oct-17	U P Inter College, Varanasi	Swachchh Bharat Abhiyan (Area Cleaning)	25	01 CTO and 12 civilians also participated
29-Sep-17	U P College, Varanasi	Swachchh Bharat Abhiyan (Area Cleaning)	65	02 ANOs /CTO and 10 civilians also participated

**Academic year 2016-17**

Date	Place	Type of Activity (Brief Description)	Total cadets Participated	Remarks
24-Jun-17	U P College Campus, Varanasi	Swachchh Bharat Abhiyan (Area Cleaning)	125	08 PI Staffs also participated
23-Jun-17	UP College, Varanasi	Swachchh Bharat Abhiyan (Area Cleaning)		SUO Soundarya Tripathi receiving DG NCC Appreciation card from Lt. Gen. T. K. Aich
22-Jun-17	The rally went around Ordely Bazar, Kachari and Back.	Traffic Management Rally	450	03 ANOs and 14 PI Staffs participated
21-Jun-17	U P College Campus Varanasi	Inter National Day of Yoga	1100	04 ANOs, 06 Care Takers 20 PI Staffs and 15 Civil Staffs





					participated
20-Jun-17	U P College Campus, Varanasi	Swachchh Bharat (Area Cleaning)	220		07 PI Staffs also participated
15-Jun-17	UP College, Varanasi	Tree plantation	235		
15-Jun-17	U P College Campus, Varanasi	Swachchh Bharat (Area Cleaning)	140		08 PI Staffs also participated
03-Jun-17	U P College, Varanasi	Swachchh Bharat (Area Cleaning)	60		
24-Jan-17	U P College, Varanasi	5 Km Mini Marathon Run	292		01 officers, ANOs 04, 10 PI Staff & 12 others also participated
12-Jan-17	U P College, Varanasi	National Youth Day	98		03 ANOs, 06 PI Staffs also participated
19-Jul-16	U P College, Varanasi	Tree plantation (Sagoun, Chitawan, Sisam, Neem and Ashoka)	600		

### National Service Scheme (NSS)

The National Service Scheme (NSS) is a Central Sector Scheme of Government of India, Ministry of Youth Affairs & Sports. It provides opportunity to the student youth of Graduate & Post Graduate at colleges and University level of India to take part in various government led community service activities & programmes. The sole aim of the NSS is to provide hands on experience to young students in delivering community service.

### Details of the NSS units of the College

NSS wing of the College is coordinated by four programme officers appointed among the faculty staff. About 400 student volunteers from different disciplines including boys and girls join NSS and dedicate themselves for social services every year. The services rendered by National Service Scheme are in the areas such as AIDS awareness programmes, blood donation camps, health camps, mass literacy campaigns, improved farming systems, skill development in rural youth, technology transfer from lab to land to improve the livelihood of rural poor, training programme on agrarian issues, clean-up campaigns, plastic prevention and other social awareness rallies/ activities.

At present 4 units of NSS are functioning in our college, details of the registration and activities carried out by NSS units of our college is summarized below.





**Details of students registered in NSS Unit:-1 from the Faculty of Agriculture in last five years**

S.No.	Session	Class	Registration of Students	Attended camp of seven days (50students/year) and 04 one days camp/year (100 students/year)	Total students
1	2016-17	B.Sc. (Ag.)	50	22(2 days) /19(1 day)/07(Nil)	48
2	2017-18	B.Sc. (Ag.)	50	07(2 days) /18(1 day) / 07(Nil)	32
3	2018-19	B.Sc. (Ag.)	58	01(2 days) /29 (1 day) /28(Nil)	58
4	2019-20	B.Sc. (Ag.)	75	05(2 days) /50(1 day) /20(Nil)	75
5	2020-21	B.Sc. (Ag.)	50	00(2 days) /14(1 day) /32(Nil)	46

**Camp Details of the Unit-1**

S.No.	Session	Class	Camp Detail	Attended camp of seven days (50students/year) and 04 one days camp/year (100 students/year)
1	2016-17	B.Sc. (Ag.)	16-2-17 to22-2-17	21
2	2017-18	B.Sc. (Ag.)	21-2-18 to 27-2-18	36
3	2018-19	B.Sc. (Ag.)	27-2-19 to 05-3-19	48
4	2019-20	B.Sc. (Ag.)	25-2-20 to 02-3-20	51
5	2020-21	B.Sc. (Ag.)	02-3-21 to 08-3-21	30

**Details of girl students registered in NSS Unit:-2 from the Faculty of Agriculture in last five years**

S.No.	Session	Class	Total girls students registered
1	2016-17	B.Sc. (Ag.)	14
2	2017-18	B.Sc. (Ag.)	23
3	2018-19	B.Sc. (Ag.)	15
4	2019-20	B.Sc. (Ag.)	35
5	2020-21	B.Sc. (Ag.)	11

**Camp Details of Unit :- 2 (Girls Unit) B.Sc./ B.A./ B.Sc.Ag. Girls**

S. No	Session	Class	Camp Detail	No. of B. Sc. (Ag.) Students attended camp
1	2016-17	B.Sc./ B.A./ B.Sc. (Ag.) Girls	16-2-17 to22-2-17	29+18(2015)=47
2	2017-18	B.Sc./ B.A./ B.Sc. (Ag.) Girls	21-2-18 to 27-2-18	47+04 (2015) =51
3	2018-19	B.Sc./ B.A./ B.Sc. (Ag.) Girls	27-2-19 to 05-3-19	15
4	2019-20	B.Sc./ B.A./ B.Sc. (Ag.) Girls	25-2-20 to 02-3-20	00
5	2020-21	B.Sc./ B.A./ B.Sc. (Ag.) Girls	02-3-21 to 08-3-21	00





## Rovers and Rangers Forum

Rangers and Rovers is a Movement for the young people under the umbrella of The Bharat Scouts & Guides – avoluntary, non-political, educational movement, open to all without distinction of origin, race or creed, in accordance with the purpose, principles and methods conceived by the Founder Lord Baden Powell in 1907. The motto of the Movement is Service to society. The purpose is to develop the young people as Rangers and Rovers, in achieving their overall physical, intellectual, social and spiritual goals, thus enabling them to become more responsible and duty bound individuals in society and communities. The Movement is based on the principles like Duty to God, Duty to others and Duty to self. Rovers and Rangers unit of Udai Pratap College, consist of 48 students, being 24 Rovers and 24 Rangers.

The Rangers and Rovers unit of Udai Pratap College, Varanasi with strong determination has always been actively involved in all the activities like training the Rangers and Rovers in life skills, participation in the various training camps, organized by the ‘The Bharat Scouts and Guides’, from time to time at different places by the district as well as state headquarters. It also engages itself actively in other social services. The details of locally organized camps in Rovers and Rangers during last five years are summarized below:

S.No.	Session	Camp Detail	No. of students participated	Remark
1	2016-17	29.01.2017 to 02.02.2017	48	
2	2017-18	14.12.2017 to 18.12.2017	48	
3	2018-19	01.02.2019 to 05.02.2019	48	
4	2019-20	03.02.2020 to 07.02.2020	48	
5	2020-21	No camp due to Covid-19	-	

### 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 help 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.***

Students undergo a course on Comprehension and communication skills in English with 1+1 course credit offered by Department of English which has facilities to improve the skill set of learners. Practical training is given to improve verbal and oral communication skills. Apart





from class room teacher led training, students are encouraged to use e- learning materials available in the SWAYAM, NPTEL, Diksha and other open source e-learning platforms. Students are also given free access to use the computer facilities in the Computer Science Department of the College to improve their communication skills.

#### **6.5.4.8. CULTURAL CENTER**

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

Yes, College has a multipurpose hall and celebrates cultural festival during September to November every year, in which students participate in various literary and cultural events (e.g. Debate, essay writing, poetry recitation, classical dance, etc.). Prizes are distributed to the winners and runners-up.

#### **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?***

The Training and Placement Cell of the College offers career counseling to agricultural graduates. Training programme are conducted for entrepreneurship and personality development by the College. It invites renowned academicians and entrepreneurs including alumni to guide students in their career path. Soft skill development has been introduced as part of the curriculum. Personality development and soft skill development programmes are regularly conducted in the campus for enhancing the personality as well as the soft skills ability of the students.

#### **Personality development programmes organized/ conducted in last five years**

S. No.	Date	Name of the organizer	No of students participated	Remark
01	20.11.2018	Nadeem A. Ahmad, a Career counselor	110	Career counseling seminar
02	Feb 2019	Nandinee Foundation (Mahindra Pride Classroom)	150	Workshop on Regenerative agriculture





03	04.09.2019	Regional Employment office Varanasi	100	
04	25.09.2020	Nandinee Foundation (Mahindra Pride Classroom)	150	Workshop on Regenerative agriculture
05	16.01.2021	Career Counseling Cell, MGKVP, Varanasi	100	
06	05.12.2021	Global University System	160	Career assessment test

### 6.5.5. PHYSICAL FACILITIES

#### 6.5.5.1. HOSTEL FACILITIES

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

To accommodate the UG, PG and Ph.D. students, five hostels are available in the College. Totally 8 mess with modernized kitchen and fresh drinking water provide hygienic food to hostellers. Facilities for indoor games like carom, chess and table tennis, reading room/TV hall, Wi-Fi are available in each hostel for the students. CCTV camera fixed at hostel and campus premises for security purpose. Day and night watchmen are employed to ensure the students safety in the hostel and campus. Council of warden headed by the chief warden takes integrated steps to provide good stay as well as hygienic quality food. The day to day affairs of hostel are managed by a team of staff under the guidance of warden.







## Girls Hostel



## Boys Hostel

A health care center is available in the college premises for medical emergencies.

### **College guest house**

A well furnished College guest house with 3 A/C rooms, 5 non-A/C double bedded rooms, college canteen and Co operative stores are also situated in the campus to cater the needs.



College Guest-House





### 6.5.5.2. EXAMINATION HALL

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

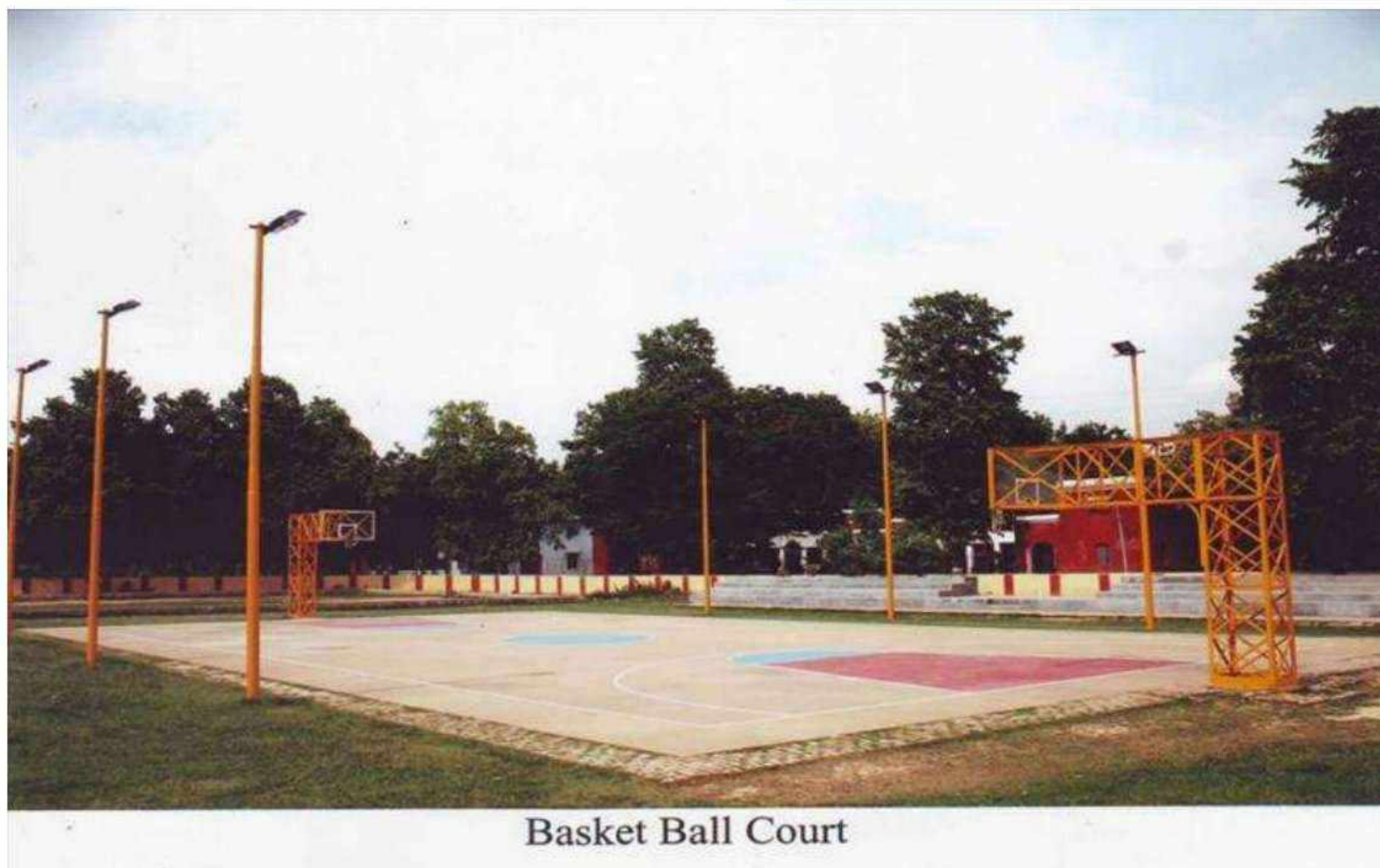
In order to conduct the Mid-Semester and End-Semester examinations for the UG and PG and Ph.D. students, well structured, ventilated, illuminated and spacious examination halls with easy to monitor seating arrangements are available. Total 31 rooms are available for examination purpose in which about 2100 students can be accommodated during the examinations.

### 6.5.5.3. SPORTS AND RECREATION FACILITIES

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

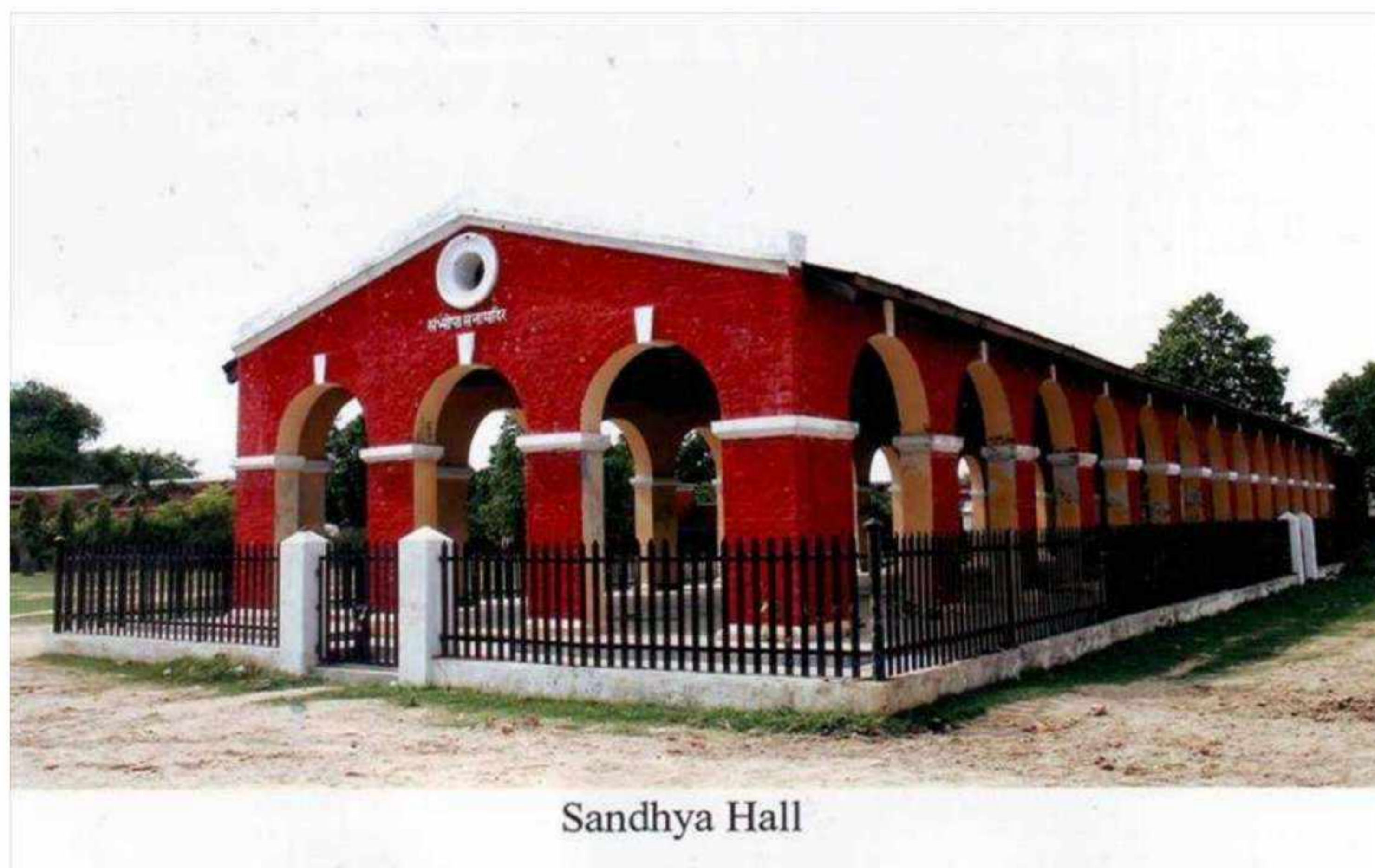
The college takes proud on achievements of its students in different sports at national and international level. Its achievement in sports is self explanatory as its ground have the proud of fostering many Olympians like Mr. Vivek Singh, Mr. Rahul Singh and Mr. Gulab Chand. Mr. LalitUpadhyay, the member of bronz medal winning team of India at summer Olympics 2021 is also alumni of Udai Pratap College. It has rich infrastructural and physical facilities for sports and a ground of national standard consisting of 400 m track of eight lanes; shot-put and discuss throw cemented circle; Javelin throw area; pit for long jump, high jump and Pole vault Jump. College has one foot ball ground (110 x 60 yard), one Hockey ground (100 x 60 yard) and one Hockey practice arena with free extra zone. College has two Volley ball grounds; three cemented Basketball courts (two with flood lighted stair for sitting). College has a Swimming pool and Wrestling Hall with wrestling mat and multi-gym. It also has one Sandhya Hall/Yoga Centre for spiritual development, Multipurpose Hall for indoor games like table tennis, Badminton, Carom, Chess and cultural activities. Annual functions like Rajarshi Jayanti, Foundation week celebration and Convocation are also arranged in the same.





Basket Ball Court

Gymnasium Hall present in the college campus consisting of parallel bar, horizontal bar, climbing rope, Waltham, pole wall ladder, weight-training equipment like dumbbell, weight plates, weight training bar etc. The Sport Authority of India (SAI) has recognized the college as the centre for sports activities. SAI coaches are appointed for training the athletics, football, hockey and basket ball .The expertise coaching by SAI, in specialized games and sports also help the students in enhancing their sports skills and activities.



Sandhya Hall

Physical education course has been made a part of the course curriculum. A separate course on physical education with 0 + 1 credit is offered to B.Sc., (Ag.) students.

List of the students of Faculty of agriculture participated/ performed in various sports events during last five years are summarized below.





Sr.No.	Game	Player Name	Inter collegiate Year	Class
01.	Badminton	Arti Singh	2016	B.Sc.Ag 2 <sup>nd</sup>
02.	Kho-Kho	Arti Singh	2016	B.Sc.Ag 2 <sup>nd</sup>
03.	Cricket	Saurabh Singh	2016	B.Sc.Ag 3 <sup>rd</sup>
04.	Cricket	Bhasker Mishra	2016	B.Sc.Ag 1 <sup>st</sup>
05.	Athletics	Arti Singh	2016	B.Sc.Ag 2 <sup>nd</sup>
06.	Chess	Shubham Singh	2017	B.Sc.Ag 2 <sup>nd</sup>
07.	Cricket	Saurabh Singh	2017	B.Sc.Ag 4 <sup>th</sup> sem.
08.	Cricket	Sudhir Singh	2017	B.Sc.Ag 2 <sup>nd</sup>
09.	Cricket	Shivam Singh	2017	B.Sc.Ag 1 <sup>st</sup>
10.	Cricket	AbhishekTripathi	2017	B.Sc.Ag 1 <sup>st</sup>
11.	Cricket	AdityaShahi	2017	B.Sc.Ag 2 <sup>nd</sup>
12.	Badminton	Ajay Kumar	2017	B.Sc.Ag 1 <sup>st</sup>
13.	Chess	Neeraj Singh	2018	B.Sc.Ag 5 <sup>th</sup> sem.
14.	Chess	Shubham Singh	2018	B.Sc.Ag 5 <sup>th</sup> sem.
15.	Chess	AbhishekTiwari	2018	B.Sc.Ag 5 <sup>th</sup> sem.
16.	Badminton	Krisan Mohan Singh	2018	B.Sc.Ag 1 <sup>st</sup>
17.	Basketball	Kartikey Singh	2018	B.Sc.Ag 1 <sup>st</sup>
18.	Basketball	Prasun Kumar Rai	2018	B.Sc.Ag 1 <sup>st</sup>
19.	Basketball	Krisan Mohan Singh	2018	B.Sc.Ag 1 <sup>st</sup>
20.	Kabaddi	Krisan Kumar Singh	2018	B.Sc.Ag 3 <sup>rd</sup> sem.
21.	Kabaddi	Neeraj Singh	2018	B.Sc.Ag 3 <sup>rd</sup> sem.
22.	Kabaddi	Sidharta Singh	2018	B.Sc.Ag 2 <sup>nd</sup> sem.
23.	Kabaddi	Rajnish Singh	2018	B.Sc.Ag 3 <sup>rd</sup> sem.
24.	Kabaddi	Shubham Singh	2018	B.Sc.Ag 3 <sup>rd</sup> sem.
25.	Kabaddi	Prince Kumar Singh	2018	B.Sc.Ag 3 <sup>rd</sup> sem.
26.	Kabaddi	Krisan Mohan Singh	2018	B.Sc.Ag 1 <sup>st</sup> sem.
27.	Kabaddi	Raj ShekarShukla	2018	M.Sc.Ag 1 <sup>st</sup> sem.
28.	Volleyball	Ravi Shanker Singh	2018	B.Sc.Ag 3 <sup>rd</sup> sem.
29.	Volleyball	AdityaShahi	2018	B.Sc.Ag 3 <sup>rd</sup> sem.
30.	Cricket	AbhishekTripathi	2018	B.Sc.Ag 3 <sup>rd</sup> sem.
31.	Cricket	AdityaShahi	2018	B.Sc.Ag 5 <sup>th</sup> sem.
32.	Cricket	Krisan Kumar Singh	2018	B.Sc.Ag 3 <sup>rd</sup> sem.
33.	Cricket	Sudhir Singh	2018	B.Sc.Ag 3 <sup>rd</sup> sem.
34.	Cricket	Sidharta Singh	2018	B.Sc.Ag 2 <sup>nd</sup> sem.
35.	Cricket	Shivam Singh	2018	B.Sc.Ag 3 <sup>rd</sup> sem.
36.	Basketball	HimanshuYadav	2019	B.Sc.Ag 1 <sup>st</sup>
37.	Basketball	Prasun Kumar Rai	2019	B.Sc.Ag 3 <sup>rd</sup> sem.
38.	Basketball	Anshika Singh	2019	B.Sc.Ag 2 <sup>nd</sup> sem.
39.	Cricket	Sudhir Singh	2019	B.Sc.Ag 2 <sup>nd</sup> sem.
40.	Cricket	Sidharta Singh	2019	B.Sc.Ag 3 <sup>rd</sup> sem.
41.	Cricket	Shivam Singh	2019	B.Sc.Ag 4 <sup>th</sup> sem.
42.	Cricket	Vikash Mishra	2019	B.Sc.Ag 2 <sup>nd</sup> sem.
43.	Cricket	Dilip Singh	2019	B.Sc.Ag 3 <sup>rd</sup> sem.
44.	Cricket	AdityaShahi	2019	B.Sc.Ag 4 <sup>th</sup> sem.
45.	Cricket	AbhishekTripathi	2019	B.Sc.Ag 4 <sup>th</sup> sem.



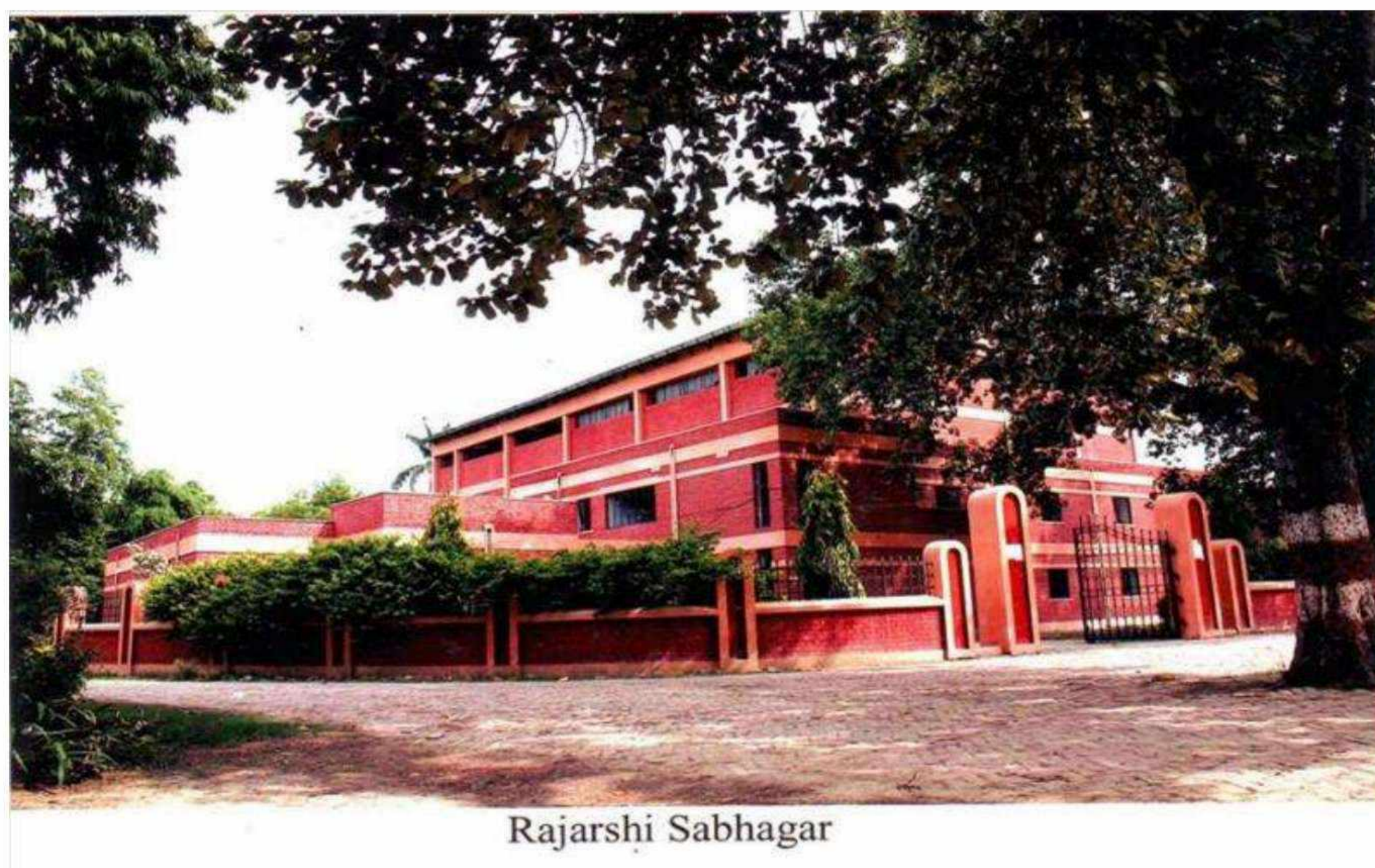


46.	Cricket	Pransu Singh	2019	B.Sc.Ag 3 <sup>rd</sup> sem.
47.	Kabaddi	Amit Kumar Singh	2019	B.Sc.Ag 1 <sup>st</sup> sem.
48.	Kabaddi	Prince Kumar Singh	2019	B.Sc.Ag 4 <sup>th</sup> sem.
49.	Kabaddi	Neeraj Singh	2019	B.Sc.Ag 4 <sup>th</sup> sem.
50.	Kabaddi	Rajnish Singh	2019	B.Sc.Ag 4 <sup>th</sup> sem.
51.	Kabaddi	Shubham Singh	2019	B.Sc.Ag 7 <sup>th</sup> sem.
52.	Kabaddi	AnamikaKumari	2019	B.Sc.Ag 1 <sup>st</sup> sem.
53.	Kabaddi	PriyankaKuswaha	2019	B.Sc.Ag 3 <sup>rd</sup> sem.
54.	Volleyball	Rupanjali Singh	2019	B.Sc.Ag 1 <sup>st</sup> sem.
55.	Taekwando	Anubhav Singh Bisen	2019	B.Sc.Ag 1 <sup>st</sup> sem.
56.	Whusu	PriyankaKuswaha	2019	B.Sc.Ag 3 <sup>rd</sup> sem.

#### 6.5.5.4. AUDITORIUM

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

Yes. The auditorium facilities in the College is a centralized one which could be utilized by different faculties to organize student functions, seminars, conferences, workshops, research meetings, etc. According to the expected number of audience, the halls are indented in advance. The Multi Purpose Hall (MP Hall) of the College is utilized for conducting various academic activities like seminars, conferences, workshops, research meetings, etc. Functions involving all staff and students are also conducted in floodlit open stage with adequate seating arrangement for the audience.



Rajarshi Sabhagar





#### 6.5.5.5. EXHIBITION HALL / MUSEUM

***Does the college have the Exhibition Hall/Museum? Mention about its use and special events being conducted in these units.***

The Department of Entomology houses an extensive collection of insect specimens collected across the country in an exquisite museum which attracts our students as well as students from other institutions nearby. Students of faculty of agriculture have access to the animal house of the college maintained by the Department of Zoology, Faculty of Science.

#### 6.5.7.2. STUDENT PLACEMENT PROFILE

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

#### **List of the students selected in various organizations through campus placement**

S. No.	Name of the Candidate	Qualification	Company / Organization
<b>2013-14</b>			
1	Mr.SailendrRai	M. Sc. (Ag.)	BAIF
2	Mr.AmitPrakash Singh	M. Sc. (Ag.)	BAIF
3	Mr.Suresh Kumar Jaiswal	M. Sc. (Ag.)	BAIF
4	Mr.Navneet Kumar Tiwari	B. Sc. (Ag.)	BAIF
5	Ms.Archana Singh	B. Sc. (Ag.)	BAIF
6	Mr.Yogendra Pratap Singh	M. Sc. (Ag.)	BAIF
7	Mr.Manish Singh	B. Sc. (Ag.)	BAIF
8	Mr.SunilVerma	B. Sc. (Ag.)	BAIF
9	Mr.Sohan Kumar Patel	M. Sc. (Ag.)	BAIF
10	Mr.Chandan Kumar Singh	M. Sc. (Ag.)	BAIF
11	Mr.Shivesh Kumar Singh	M. Sc. (Ag.)	BAIF
12	Mr.RahulDubey	M. Sc. (Ag.)	BAIF
13	Mr.Shivi Singh	M. Sc. (Ag.)	BAIF
14	Mr.AnuragTripathi	M. Sc. (Ag.)	BAIF
15	Mr.Vikash Kumar Singh	M. Sc. (Ag.)	BAIF
16	Mr.Kamlesh Kumar Yadav	M. Sc. (Ag.)	BAIF
17	Mr.Sunilku. Singh	M. Sc. (Ag.)	BAIF
18	Mr.RahulDev Singh	M. Sc. (Ag.)	BAIF
19	Mr.Vikas Singh	M. Sc. (Ag.)	BAIF





<b>2012-13</b>			
1	Kailash Kumar Prajapati		Upgrade Solutions Pvt.Ltd.
2	GauravNathDubey		Upgrade Solutions Pvt.Ltd.
3	Rajeev Kumar		Upgrade Solutions Pvt.Ltd.
4	Vipin Sharma		Upgrade Solutions Pvt.Ltd.
5	Gopal Singh Patel		Upgrade Solutions Pvt.Ltd.
6	Mahendra Kumar		Upgrade Solutions Pvt.Ltd.
7	MukeshSaroj		Upgrade Solutions Pvt.Ltd.
8	Bhupendra Kumar Patel		Upgrade Solutions Pvt.Ltd.
9	Chandan Kumar Singh		Upgrade Solutions Pvt.Ltd.
1	Aayush Pal	B.Sc.(Ag.)	ArshiNFOCOM LTD.
2	Ashutosh Ku Rai	M.Sc.(Ag.)	ArshiNFOCOM LTD.
3	Chinma Gupta	B.Sc.(Ag.)	ArshiNFOCOM LTD.
4	Deep Kumar	B.Sc.(Ag.)	ArshiNFOCOM LTD.
5	KuldeepShukla	B.Sc.(Ag.)	ArshiNFOCOM LTD.
6	Mukesh Kumar Patel	M.Sc.(Ag.)	ArshiNFOCOM LTD.
7	Nishant Kumar	B.Sc.(Ag.)	ArshiNFOCOM LTD.
8	Praveen Kr. Rai	B.Sc.(Ag.)	ArshiNFOCOM LTD.
9	Pritam Kr. Patel	M.Sc.(Ag.)	ArshiNFOCOM LTD.
10	Pankaj Pal	M.Sc.(Ag.)	ArshiNFOCOM LTD.
11	Ranjeet Kumar Prajapati	M.Sc.(Ag.)	ArshiNFOCOM LTD.
12	Sharma	M.Sc.(Ag.)	ArshiNFOCOM LTD.
13	Sanjay Kr.Patel	M.Sc.(Ag.)	ArshiNFOCOM LTD.
14	SandipKushwaha	M.Sc.(Ag.)	ArshiNFOCOM LTD.
15	Sonika Singh	B.Sc.(Ag.)	ArshiNFOCOM LTD.
16	Sunil Kr.Patel	M.Sc.(Ag.)	ArshiNFOCOM LTD.
17	Sujit Kumar	M.Sc.(Ag.)	ArshiNFOCOM LTD.
18	Unnati Gupta	B.Sc.(Ag.)	ArshiNFOCOM LTD.
<b>2016-17</b>			
1	ShekharVerma		GSFC
2	Anand Kumar Singh		GSFC
3	Anuj Kumar Shukla		GSFC
4	Virendra Kumar Yadav		GSFC
5	Uma Shankar Gupta		GSFC
6	Krishna Murari		GSFC
7	Mhanedra Kumar		GSFC
8	Vishnu Kumar		GSFC
9	AtulRai		GSFC





1	Kuldeep Kumar Shukla		Syngenta
2	Dheeraj Kumar Singh		Syngenta
3	Mahendra Kumar		Syngenta
4	Pritam Kr. Patel		Syngenta
5	Mukesh Kumar Patel		Syngenta
6	Dinesh Kr. Maurya		Syngenta
<b>2018-19</b>			
1	Firdaus J		TCS
2	Narayani Singh		TCS
3	Pranjali Pandey		TCS
4	Shreya Srivastava		TCS
5	Neha Upadhyay		TCS
6	Trisha Baranwal		TCS
7	Vaishali Singh		TCS
8	Nida Khan		TCS
9	Ankit Kumar Singh		TCS
10	Shashank Mishra		TCS
11	Shubham Sahu		TCS
12	Chanda Patel		TCS
13	Chandra Prakash Rai		TCS
14	Anchal Pandey		TCS
15	Shubham Kumar		TCS
<b>2019-20</b>			
1	Vijay		Shiv Shakti Bio Tech.
2	Vineet		Shiv Shakti Bio Tech.
3	Vikash		Shiv Shakti Bio Tech.
4	Sayad Husen		Shiv Shakti Bio Tech.
5	Vinod Bharti		Shiv Shakti Bio Tech.
6	Divyanshu Srivastava		Shiv Shakti Bio Tech.
1	Anshitra Srivastava		ICICI Bank
2	Nitin Kumar Rai		ICICI Bank
3	Satyajeet Mukhrjee		ICICI Bank
4	Praveen Mishra		ICICI Bank
5	Vaishali Singh		ICICI Bank





### 6.5.7.3. AWARDS/ RECOGNITION/ CERTIFICATES

*Awards/Recognitions/Certificates: Provided Provide information on awards/recognitions/certificates in tabular form for last five years separately for students and faculty*

#### **List of Staff/Faculty Awardees in the Faculty of Agriculture (last five years)**


<b>Year</b>	<b>Name of the Awardees (Staff)</b>	<b>Name of The Award</b>	<b>Agency</b>
2016-17	Mr. Dushyant Kumar	Young Scientist Award	Society for World Environment Food & Technology
	Mr. Dushyant Kumar	Best Teacher Award	Agricultural Technology Development Society, Ghaziabad
	Dr. Mayank Singh	ISEE Fellow	ISEE
2017-18	Dr. Alok Kumar Singh	Yashashwi Samman	RASSA
	Dr. P.R. Shivahare	Young Scientist Award	
	Dr. A. K. Singh	Distinguished Service Award	Bioved, Allahabad
2018-19	Dr. S. K. Singh	Honored on the occasion of vigilance awareness week.	NTPC, Lucknow
	Dr. M. K. Singh	Honored on the occasion of vigilance awareness week.	NTPC, Lucknow
2019-20	Mr. Shiv Bachan	Young Scientist Associated Award	Bioved, Allahabad
	Mr. Shiv Bachan	Best Paper Presentation Award	Bioved, Allahabad
2020-21	Dr. S. K. Singh	Fellowship of Indian Society for Noni Science.	Noni science Foundation
	Dr. S. K. Singh	Shikshak Samman	MGKVP, Varanasi
	Dr. D. K. Singh	Shikshak Samman	MGKVP, Varanasi





## CERTIFICATE

I, Dr. Dharmendra Kumar Singh, **Principal, Udai Pratap College (Autonomous), Varanasi** hereby certify that information contained in the sections 6.4.1 to 6.4.9 are furnished as per the records available in the department.

  
20/5/22  
Signature of the Principal  
with Date and Seal  
PRINCIPAL  
UDAI PRATAP COLLEGE





## 6.4. SELF STUDY REPORT FOR THE PROGRAMME

### B.Sc. (Hons) Agriculture

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#### 6.4.1 Brief of the History of the Degree Programme

**Name of the Degree Programme: B.Sc. (Hons) Agriculture**

**Year of Start: 1963**

The faculty of agriculture was founded in 1963 with the goal of enhancing current agricultural science knowledge in order to build strong and efficient people to meet the demands of rural areas in particular and society at large. To support this, the College is committed to hiring highly qualified faculty and setting goals for developing human resources, creative and need-based technologies, and their dissemination to benefit the rural masses, particularly the State's farming community. The faculty of agriculture has created noteworthy networking throughout the Region, State, National, and other International organisations since its start to address developing concerns in the agriculture and allied sectors of the State. The Faculty of Agriculture facilitates the transfer of technology from the lab to the farmer's field in conjunction with a state department of agriculture, horticulture, and other organisations. Faculty members participate in field-level campaigns and demonstrations in adjacent rural and semi-urban regions as resource individuals.

#### Objectives:

1. Provide high-quality education in agriculture and related fields. The 5<sup>th</sup> Deans' Committee's suggestions have been incorporated in the undergraduate curriculum.
2. Conduct basic, applied, and adaptive research to address present and future farming community concerns and to give management solutions that are appropriate for the existing agro-climatic and socio-economic conditions.
3. Develop relevant technologies to help agricultural entrepreneurs and agribusinesses expand sustainably.
4. Create creative extension techniques and develop effective channels for transferring technology to institutions and farmers in order to improve rural livelihoods through increased and sustainable agricultural production.
5. Identify and protect biodiversity in order to sustain the state's agro-ecosystem and document traditional knowledge and technologies.

#### Vision:

The program's vision echoes a dedication to guide students to achieve success through





holistic development, as well as a goal to percolate education to the economically and intellectually disadvantaged, and to empower, enlighten, and equip them to become responsible citizens.

#### Mission:

1. To turn the state's agricultural education system into a demand-driven efficient system,
2. To provide academic services and high-quality output in education, research, and extension,
3. To promote centers of excellence, and to provide skilled, analytical, and globally competitive human resources to meet the nation's needs for sustainable and inclusive growth.

### 6.4.2 Faculty strength

#### 6.5.2.1. FACULTY STRENGTH

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

The faculty position includes Associate Professors and Assistant Professors. To fulfill the mandates of education, research, and extension, these positions are filled up based on the vacancy. Faculty members are recruited by U.P. Higher Education Services Commission. In lieu of vacant positions, if any, the classes are being managed by employing competent faculty through Management resources till the permanent faculty is appointed by the Higher Education Department, Uttar Pradesh

The present strength of teaching staff is detailed below.

**Table 1.1: Faculty strength (summary) of the Faculty of Agriculture.**

Sr. No.	Sanctioned faculty	Sanctioned post in position	Faculty in place	Vacant position	Faculty recommended by the ICAR/UGC/VCI/Other regulatory bodies
<b>Core Faculty</b>					
1	Professor	-	-	-	Higher Education Department, Uttar Pradesh
2	Associate Professor	-	15	-	Higher Education Department, Uttar Pradesh
3	Assistant Professor	38	15	01	Higher Education Department, Uttar Pradesh
4	Assistant Professor (Mandey)	-	03		UGC
5	Assistant Professor Management Arrangement		04		
	Total	38	37	01	





These staff members are from different core disciplines of Agriculture viz., Agronomy, Agricultural Economics, Agricultural Extension, Entomology, Genetics, and Plant Breeding, Agricultural Engineering, Horticulture, Soil Science and Agricultural Chemistry, Plant Pathology, and Animal Husbandry. To teach allied and supporting courses like Basic Science and Humanities (Statistics, Business Management, English, Environmental science, and Computer science), physical education, and yoga, staff members are drafted from various departments of the Faculty of Arts and Faculty of Science of the College. The strength of additional faculty members engaged at present in the Faculty of agriculture is given below.

#### **6.5.2.2. FACULTY PROFILE (DEPARTMENT-WISE)**

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

The strength of teaching staff in various departments of the Faculty of Agriculture is furnished below. Every teaching staff in the faculty is directly involved in teaching, research and extension. Baring few, most of the Departments have sufficient staff to meet the academic requirement of the faculty. The proposal for filling up of the vacant positions has been sent to the Higher Education Department, Uttar Pradesh and till the recruitment of permanent faculty, classes are engaged by qualified faculty members employed on temporary basis.

**Table 1.1: Faculty strength (summary) of the Faculty of Agriculture.**

Sr. No.	Sanctioned faculty	Sanctioned post in position	Faculty in place	Vacant position	Faculty recommended by the ICAR/UGC/VCI/Other regulatory bodies
<b>Core Departments</b>					
<b>1. Agronomy</b>					
1	Permanent Faculty	4	2	2	Higher Education Department, Uttar Pradesh
2	Management Arrangement	-	1	-	Higher Education Department, Uttar Pradesh
	Total	4	3	1	
<b>2. Department of Agricultural Chemistry &amp; Soil Science</b>					
1	Permanent Faculty	4	3	1	Higher Education Department, Uttar Pradesh
2	Management Arrangement	-	3	-	Higher Education Department, Uttar Pradesh
	Total	4	6	+2	
<b>3. Department of Genetics &amp; Plant Breeding</b>					





1	Permanent Faculty	4	4	NIL	Higher Education Department, Uttar Pradesh
	Total	4	4	NIL	
<b>4. Department of Plant pathology</b>					
1	Permanent Faculty	2	2	NIL	Higher Education Department, Uttar Pradesh
	Total	2	2	NIL	
<b>5. Department of Agricultural Entomology</b>					
1	Permanent Faculty	2	1	1	Higher Education Department, Uttar Pradesh
	Total	2	1	1	
<b>6. Department of Agricultural Extension</b>					
1	Permanent Faculty	2	2	NIL	Higher Education Department, Uttar Pradesh
	Total	2	2	NIL	
<b>7. Department of Agricultural Economics</b>					
1	Permanent Faculty	6	6	NIL	Higher Education Department, Uttar Pradesh
2	Management Faculty	-	1	-	Higher Education Department, Uttar Pradesh
	Total	6	7	+1	
<b>8. Department of Animal Husbandry and Dairying</b>					
1	Permanent Faculty	7	4	3	Higher Education Department, Uttar Pradesh
2	Mandey Lecturer	-	2	-	Higher Education Department, Uttar Pradesh
	Total	7	6	1	
<b>9. Department of Agricultural Engineering</b>					
1	Permanent Faculty	2	1	1	Higher Education Department, Uttar Pradesh
3	Mandey Lecturer	-	1	-	Higher Education Department, Uttar Pradesh
	Total	2	2	NIL	





<b>10. Department of Horticulture</b>					
1	Permanent Faculty	5	5	NIL	Higher Education Department, Uttar Pradesh
	Total	5	5	NIL	
<b>Ancillary Departments</b>					
<b>11. English</b>					
1	Permanent Faculty	NIL	NIL	NIL	Higher Education Department, Uttar Pradesh
2	Management Arrangement	-	1	-	Higher Education Department, Uttar Pradesh
	Total	NIL	1	NIL	
<b>12. Computer Science</b>					
1	Permanent Faculty	NIL	NIL	NIL	Higher Education Department, Uttar Pradesh
2	Management Faculty	-	2	-	Higher Education Department, Uttar Pradesh
	Total	NIL	2	NIL	
<b>13. Department of Physical Education</b>					
1	Permanent Faculty	1	1	NIL	Higher Education Department, Uttar Pradesh
	Total	1	1	NIL	
	<b>Grand Total</b>		<b>38+4</b>	<b>NIL</b>	

### 6.4.3 Technical and Supporting Staff

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

A total of 19 administrative and 52 technical and supporting staff is positioned to support various activities of different departments. Apart from technical and supporting staff, to assist the faculty in teaching, laboratory and research activities, unskilled labours are also engaged as per the requirement. Department wise details of the technical and administrative staff are given in the table below:

S. No.	Department	Number of staff
--------	------------	-----------------





		<b>Secretarial staff</b>	<b>Technical staff</b>	<b>Supporting staff</b>
1	Administrative office			
2	Dean's office	-	01	01
3	Agronomy	-	01	01
4	Genetics and Plant Breeding	-	01	01
5	Agricultural Economics	-	01	02
6	Horticulture	-	02	02
7	Agricultural engineering	-	02	01
8	Agricultural Extension	-	01	01
9	Agricultural Entomology	-	-	01
10	Animal Husbandry and Dairying	-	02	02
11	Plant Pathology	-	-	01
12	Soil Science and Agricultural Chemistry	-	-	03
13	Dairy unit	-	03	12
14	Gardening unit	-	-	12

\* The above staffs are excluding the supporting staff of hostels, sports, yoga and other centralized services (*viz.* hospital, electricity, carpentry, water, etc.).

#### **6.4.4 Classroom and Laboratories**

Each department has a laboratory for providing free access to the students. All the Departments of the Faculty are adequately equipped with sophisticated instrumentation facilities. In addition to this, the students of the faculty are provided the access to the laboratories of various departments of the Faculty of Science.

Apart from well-equipped laboratories in the Department of Agronomy, Entomology, Plant Pathology, Genetics and Plant Breeding, Horticulture and Soil Science and Agricultural Chemistry, Agricultural Extension and Agricultural Economics field laboratories with instructional facilities and experimental fields are maintained in the Department of Agronomy, Horticulture, Animal Husbandry, Soil Science and Agricultural Chemistry. Department of Agricultural Engineering has a well-established workshop housing traditional as well as modern farm equipments. Students are provided hands-on training in various crop production operations of the field as well as horticultural crops. The college has a well-established dairy unit, goat unit, poultry unit and fishery unit for practical demonstrations. The Rajarshi Udyan (college garden) with a variety of landscape and flowering plants are used for teaching and practical.

The Faculty has well equipped Dairy farm along with a Poultry unit, Goat unit and fodder land that are under experimentation for conducting various postgraduate research experiments and hands-on training for the students. The Dairy farm has one tractor, farm equipments, tools and other machinery for providing hands-on training to the students. The





Dairy farm has Murrah buffalo, Gangatiri and Crossbred cow, sheep & goat and Poultry unit has Karaknath, Deshi poultry, Guinea fowl, Croiler and Duck for practical of U.G. & P.G. students and conducting research experiment of P.G. students. The farm is situated adjoining of the faculty which is well maintained and easily approachable and properly connected with a road. The Dairy farm is having one Dairy Farm In-charge, one Farm Superintendent, two Dairy Supervisor and number of labours. Fodder land is well leveled with adequate irrigation facilities.

### Technical and Supporting Staff employed at dairy farm

The dairy farm has appointed adequate technical/supporting staff for catering the needs of the livestock management and animal production. The distribution of technical staffs is furnished below:-

S. No.	Category of the staff	Present Strength and Deatails
1	Dairy Farm Incharge	Dr. S. K. Shahi
2	Farm Superintendent	01 – Sri Sanjay Bahadur Singh
2	Farm Supervisor	02 – Shivaji Singh, Rajesh Singh kharwar
3	Labours	15

### Detail of Animal Present in College Dairy farm:

#### Dairy Unit

S. No.	Species/ Breed	Number	Total
1	Murrah	16 (Female) + 12 (Heifer) + 1 (Bull) + 08 Suckling Calf	37
2	Gangatiri cow	11 (Female) + 1 (Bull) + 03 (Heifer) + 03 Suckling Calf	18
3	Cross Bred cow	25 (Female) + 1 (Bull) + 19 (Heifer) + 10 Suckling Calf	55
4	Bullock (Gangatiri)	1	01

#### Goat Unit

S. No.	Species/ Breed	Number
1	Goat	02 (Female) + 0 (Male)
2	Sheep	06 (Female) + 02 (Male)

#### Poultry Unit

S. No.	Species/ Breed	Number
1	Karaknath	250
2	Croiler	295
5	Duck	03





The faculty members are also utilized ICT based teaching aids such as LCD Projector and e-resources. The students are also given assignment and other problem related work for improving the analytical ability.

#### **6.4.5 Conduct of Practical's and Hands on Training**

The curriculum of practical classes is formulated based on the course needs as per prescribed in V Dean Committee report which are conducted in the field/ experimental lab in the allotted practical hours by the course teacher. The students are given hands-on- training on various techniques in the subject such as collection and analysis of soil and plant samples, soil moisture measurement, soil temperature measurement, determination of bulk and particle density, foliar fertilization, Practical Crop Production and dairy product technology.

As per ICAR recommendations, student READY component has been incorporated into the curriculum with effect from 2019-20. Under this programme, during the VII Semester, experiential learning modules are offered with choice-based registration. During the VIII semester, students are sent to live in rural area (6 weeks) and attached with farm families for Rural Agriculture Work Experience (RAWE). This course is offered in team teaching mode with continuous support, guidance and monitoring. In the next phase of the programme, students are sent to various industries/NGOs/KVKs in and around the Varanasi district. Students are attached with the industries/NGOs/KVKs for 12 weeks to get entrepreneurial experience and project preparation.

#### **6.4.6 Supervision of students in PG. /Ph.D. Programmes**

N. A.

#### **6.4.7 Feedback of stakeholders (students, parents, industries, employers, farmers etc):**

The CSSC meeting is usually held at two times during the mid and end of semester where faculty get the feedback from the students representative (02 representative per class) about the contents of the course completion and the teaching skills of the faculty. The progress of student performance is periodically briefed to Parents as and when required. The visit of students to industries, KVK and farmer's field as related to the course curricula, feedback is received about their active participation and involvement. Students visit industries related to the course curricula. At the time, feedback is received about their active participation and involvement.

#### **6.4.8 Student intake and Attrition in the Programme for last five years.**

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





The details of students admitted into B. Sc. (Hons.) Agriculture program during the last five years along with attrition percentage is given below

**Table 7. Intake and attrition of students**

	2016-17	2017-18	2018-19	2019-20	2020-21
<b>B. Sc. (Ag.)</b>					
<b>Actual students admitted</b>	150	171	162	176	161
<b>Student attrition</b>	07	22	18	15	6
<b>Attrition (%)</b>	4.5	12.8	11.1	8.5	3.7

#### 6.4.9 ICT Application in Curricula Delivery

The postgraduate class room cum laboratory is facilitated with LCD projector along with white board and internet facility for better delivery of lectures. The faculties use a combination of lectures and power point to make the concepts/techniques clearly understandable to the students. The teaching faculty has updated the usage of IT enabling gadgets. Post graduate classes are equipped with audio visual aids and staff make presentations in the recent topics of relevant subjects with the use of ICT tools. In practical classes, lab instrument operations are explained through video clippings to gain operational skill. To enhance quality in research, students are encouraged to access relevant literature from various e – websites.

The students are also trained to make use the facility for presentation in the seminar/ assignment. Assignments with challenging problems are given to the students for analytical subjects. Assignments involving in the recent topic of the respective courses help in keeping track of current developments.

A table, podium, whiteboard/ screen/black board with duster are available in each class room for the use of teachers. A common generator facility supplies power of the classrooms to avoid interruption of the class during power failure.

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

YES





## DEPARTMENT OF AGRICULTURAL CHEMISTRY & SOIL SCIENCE

### *LABORATORIES (U.G., P.G. & RESEARCH)*



### *DEPARTMENTAL LIBRARY*



### *ACTIVITIES RELATED TO PG THESIS WORK*







### GUEST LECTURE



### Faculty and Students in Awareness Programme



### Visit by U.P. Govt. Officials







## CERTIFICATE

*I, the Dean, Faculty of Agriculture, Udai Pratap College, Varanasi hereby certify that information contained in the sections 6.4.1 to 6.4.9 are furnished as per the records available in the Faculty.*

*Aswini* 28/5/2022

Signature of the Dean of the Faculty

with Date and Seal

**Dean**

**Faculty of Agriculture**

**Udai Pratap College (Autonomous)**

**Varanasi-221002**





## 6.4. SELF STUDY REPORT FOR THE PROGRAMME

### M.Sc. (Ag) Agricultural Economics

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#### 6.4.1 Brief of the History of the Degree Programme

**Name of the Degree Programme: M.Sc. (Ag) Agricultural Economics**

**Year of Start: 1972**

#### **Objectives:**

1. To enhance the economic development of all stake-holders. To generate employment in order to combat vagaries of unemployment problem.
2. To enhance the per capita income to minimize the difference between rural and urban. To improve nutritional standards for betterment of health.
3. To discourage rural to urban migration and thereby minimize congestion & other associated problems in the society.
4. To create marketing facilities to reduce post-harvest loss and distress sale of agriculture produce.

#### **Vision:**

To be a center of excellence in research and training in the areas of Agricultural Economics, Agricultural Administration and Agribusiness.

#### **Mission:**

1. To increase production and productivity of agri-horticultural crops using environment friendly science and technology.
2. To increase net farm income to the farmers through various schemes, programmes and welfare measures.

#### **Accomplishment**

1. The programme of M. Sc. Ag. (Agricultural Economics) was initiated in the year 1972 with 15 seats. Since beginning, course curriculum of M. Sc. (Ag) was adopted as per ICAR recommendation. Presently at P.G. level, IV Dean Committee recommendation is adopted however, in Bachelor degree, V Dean Committee recommendations are offered.
2. The post graduates students have been placed in various organizations like State Departments, SAU's, private Universities and private sector etc., or pursue their Ph. D. programme.
3. The department has well experienced faculties for teaching and guiding students





to their thesis research on different areas.

- The department has adequate teaching facilities viz., audio visual aids in class room cum labs and well equipped laboratory, and computers with internet facility are available.

**Table 1 : Placement of the M.Sc. (Ag)/ Ph.D. Agricultural Economics students**

Year of degree Awarded	S. N	Name of the students	Mobile No.	Name of posting and address
2015-16	1	Priyanka Verma		TA, Department of Agriculture, U. P. Government
	2	Dr. Ajai Kumar Tripathi	9451178823	Assistant Professor in Agricultural Economics, G. B. Pant University of Agril. & technology, Banda
2016-17	1	Vishnu Kumar Seth	94517221933	Executive officer, GSFC Agrotech Ltd. Nadia District, west Bangal
2017-18	1	Pratibha Maurya		Primary teacher, Varanasi
	2	Rajmani		TA, Department of Agriculture, U. P. Government
	3	Sanjay		TA, Department of Agriculture, U. P. Government
	4	Dr. Rahul Rai	9452028214	Assistant Professor in Agricultural Economics, Banda Agril. University Banda
2018-19	1	Dr. Anil Kumar Singh		Assistant Professor, Department of Agricultural Economics, NarendevkrishiMahavidyalyaAazamgargh.
2019-20	1	Dr. Aalok Kumar Singh	9452822278	Assistant Professor, Department of Agricultural Economics, UdaiPratapcollege, Varanasi
	2	Avinash Kumar Singh	8576907495	TA, Department of Agriculture, U. P. Government
	3	Dr. Balwant Kumar Singh	9193230648	Assistant Professor in Agricultural Economics, M.G.K.V.P. Varanasi

#### 6.4.2 Faculty strength

The faculties of the department are well experienced and qualified to manage the teaching and guiding thesis research to students of postgraduate on different aspects of Agricultural Economics (Table 2).





**Table 2: Faculty status of the Department of Agricultural Economics, Faculty of Agriculture, U. P. College, Varanasi**

Sr. No.	Sanctioned faculty	Sanctioned post in position	Faculty in place	Vacant position	Faculty recommended by the ICAR/ UGC/ VCI/ Other regulatory bodies
<b>A. Core Faculty</b>					
1	Professor	-	-	-	UGC
2	Associate Professor	-	04	-	UGC
3	Assistant Professor	06	02	Nil	UGC
<b>B. Additional Faculty</b>					
1	Assistant Professor Agricultural Statistics	01	01	-	UPES (UdaiPratap Educational Society)

**Table 3: Details of the faculty of the department**

S. N.	Name of the Faculty	Designation	Specialization
<b>A) Core Faculty</b>			
1.	Dr. Sant Kumar Singh	Associate Professor	Production Economics
2.	Dr. Manish Kumar Singh	Associate Professor	Agricultural Marketing and Finance
3.	Dr. Anil Kumar Singh	Associate Professor	Production Economics
4.	Dr. Anand Kumar Singh	Associate Professor	Farm Management and Production Economics
5.	Dr. Rakesh Kumar	Assistant Professor	Agricultural Marketing and Production Economics
6.	Mr. Dusyant Kumar	Assistant Professor	Agricultural Marketing
<b>B) Additional Faculty</b>			
1.	Mr. Manish Kumar Mishra	Assistant Professor	Statistics

The credentials of the faculty engaged in teaching M.Sc. Ag. (Agricultural Economics) students are furnished in Table 4.





**Table 4: Credentials of Faculty**

SN	Name of the faculty	Designation	Subject/ Specialization	Total years of services	Awards/ Medals/ Fellowship/ Recognition	Publication			Students guided as Chairman/ Co- chairman	
						Books/ chapter	Research articles	Articles	PG	Ph.D.
1.	Dr. S. K. Singh	Associate Professor	Production Economics	34		02	31	05	58	08
2.	Dr. M. K. Singh	Associate Professor	Agricultural Marketing and Finance	31		06	28	09	71	07
3.	Dr. Anil Kumar Singh	Associate Professor	Production Economics	34		--	--	--	61	04
4.	Dr. Anand Kumar Singh	Associate Professor	Farm Management and Production Economics	28		--	12		43	04
5.	Dr. Rakesh Kumar	Assistant Professor	Agricultural Marketing and Production Economics	11					13	--
6.	Mr. Dusyant Kumar	Assistant Professor	Agricultural Marketing	11		--	08	--	06	--
7.	Mr. Manish Kumar Mishra	Assistant Professor	Statistics	06	--	--	--	--	--	--





## Guestspeakers/experts

- The external examiners or experts from other SAU's/organizations whenever visit this College, they are invited to deliver special lecture on latest technological developments in the Agricultural Economics and applied aspects.

### 6.4.3 Technical and Supporting Staff

The faculty has appointed adequate technical/laboratory/farm staff for catering the needs of the practical's for M.Sc. Ag. (Agricultural Economics) and Ph.D. (Agricultural Economics). The distribution of technical staffs is furnished below:-

Category of the staff	Present Strength	Details
Lab Assistant	1	Neeraj Singh
Lab Bearer	2	Sarwan Kumar, Vinod Kumar

### 6.4.4 Classroom and Laboratories

Two classrooms for post-graduate students and one laboratory for undergraduate students are available. No laboratory is available for post-graduate students. Six computers and one laptop are available in the department.

### Physical Facilities in Department

Washroom, R.O., photocopy machine, printer are available. Chairs, tables, projector, fans, lights, whiteboard are available in the department. The department is having own departmental library which use to fulfill the demand of the books for students.

### 6.4.5 Conduct of Practical's and Hands on Training

The curriculum of practical classes is formulated based on the course needs as per prescribed in IV Dean Committee report which are conducted in the lab in the allotted practical hours by the course teacher.

### 6.4.6 Supervision of students in PG. /Ph.D. programmes

The research proposal prepared by students is properly check and approved by the supervisor.





**Table 5. Thesis Awarded to M.Sc. Ag. (Agricultural Economics) students**

S.No.	Year of degree awarded	No. of the students
1.	2015-16	013
2.	2016-17	008
3.	2017-18	008
4.	2018-19	008
5.	2019-20	013

**Table 6: Thesis Awarded to M.Sc. Ag.(Agricultural Economics)students**

Year of degree awarded	S. N	Title of the thesis	Name of the student	Name of Supervisor
2015-16	1	An Economic Analysis of Mustard Crop in Narayanpur Block of Mirzapur Distict (U.P.)	Rahul Upadhyay	Dr. Anand Kumar Singh
	2	Economics of Wheat cultivation in Araji Line Block of Varanasi District(U.P.)	Dheeraj Kumar Singh	Dr. Anil Kumar Singh
	3	Study on Production of Potato in KashiVidyapeeth Block of Varanasi (U.P.)	Mahendra Kumar Patel	Mr. Dushyant Kumar
	4	A study of Aonla Production In Gaura Block Of Pratapgarh District of Uttar Pradesh.	Mukesh Kumar Patel	Dr. S. K. Singh
	5	Marketing Pattern of Cattle in Varanasi District (U.P.) (An Economic Analysis)	Shailjasharma	Dr. Manish Kumar Singh
	6	Economics of Paddy Production in Niyamatabad Block of Chandauli District (U.P.)	Dinesh Kumar Maurya	Dr. Anand Kumar Singh
	7	Economics of potato cultivation in Kashi Vidyapeeth Block ofVaranasi District of Uttar Pradesh.	Amar jeet Pal	Dr. S. K. Singh
	8	Economics Analysis of Sugarcane Production in Arazilines block of district Varanasi (U.P.)	Kumar Raja Hasami	Dr. Rakesh Kumar
	9	A Study of Paddy Production of Araji Line Block of Varanasi(U.P.)	Ram Sundaryadav	Mr. Dusyant Kumar
	10	An Economics Analysis of Production And Marketing of Marigold Flower in	Bhupendra Kumar Patel	Dr. Manish Kumar Singh





		KashiVidyapeeth Block of Varanasi District(U.P.)		
	<b>1</b>	A Study of Production And Marketing of Paddy in Araji Line Block of Varanasi District (U.P.)	PriynkjaVerma	Dr. Anil Kumar Singh
	<b>12</b>	A Study of production and cultivation of brinjal crop in majhawan block of mirzapur (U.P.)	Rajeev Kumar Singh	Dr. Rakesh Kumar
	<b>13</b>	An Economic Analysis on Production And Marketing of Mustard in KashiVidyapeeth Block of Varanasi District (U.P.)	Pawan Kumar Singh	Dr. Manish Kumar Singh
<b>2016-17</b>	<b>1</b>	Role of KashiGomtiSamyuktGramin Bank in Sewapuri Block of Varanasi District of Uttar Pradesh.	RajmaniBharti	Dr. S. K. Singh
	<b>2</b>	An Economics Analysis of Production And Marketing of Marigold Cultivation in Baragaon Block of Varanasi District (U.P.)	Vishnu Kumar Seth	Dr. Manish Kumar Singh
	<b>3</b>	An Economics Analysis of Gerbera Flower Cultivation in Poly House in Varanasi District (U.P.)	Suraj Prasad	Dr. Anand Kumar Singh
	<b>4</b>	Economics of Wheat cultivation in Sevapuri Block of Varanasi District(U.P.)	Pritam Kumar Patel	Mr. Dusyant Kumar
	<b>5</b>	An Economic Analysis of Mustard Crop in Bhadohi Block of BhadohiDistict (U.P.)	Sanjay Kumar Patel	Dr. Manish Kumar Singh
	<b>6</b>	Production And Marketing of Summer Vegetable Crops in Majhawa Block of Mirzapur (U.P.)	Ranjeet Kumar Prayapati	Dr. Anand Kumar Singh
	<b>7</b>	A Study of Paddy Production Of Araji-Lines Block in Varanasi District(U.P.)	Ratnesh	Dr. Rakesh Kumar
	<b>8</b>	Study on Production of Patato in Agaji Line Block of Varanasi(U.P.)	Pankaj Pal	Mr. Dusyant Kumar
<b>2017-18</b>	<b>1</b>	Economics Analysis of tomato in Sewapuri Block	Rahul Kumar	Dr. Manish Kumar Singh





		of Varanasi District(U.P.)		
	<b>2</b>	Economics of Wheat Cultivation in Cholarpur Block of Varanasi District (U.P.)	AshutoshPathak	Dr. Anil Kumar Singh
	<b>3</b>	Production of Summer Vegetable Crops And Its Marketing in Harahua Block of District Varanasi (U.P.)	PoojaKumari	Dr. Anand Kumar Singh
	<b>4</b>	Study on Marketed And Marketable Surplus of Potato in Arazi-Line Block of Varanasi District (U.P.)	Khushboo Singh	Dr. Rakesh Kumar
	<b>5</b>	Economic Analysis of Maize Cultivation in Baragoan Block of Varanasi District(U.P.)	Ajay Kumar Gautam	Dr. S. K. Singh
	<b>6</b>	Study on Economics of Cauliflower (Rabi) Cultivation in Sewapuri Block of Varanasi District (U.P.)	Akhilesh Kumar Maurya	Dr. Rakesh Kumar
	<b>7</b>	Economic Analysis of Paddy Cultivation in Sewapuri Block of Varanasi District (U.P.)	Ashish Mishra	Dr. S. K. Singh
	<b>8</b>	Production And Marketing of Cucumber Crop in Chiraigaon Block of Varanasi (U.P.)	PratibhaMautya	Dr. Rakesh Kumar
<b>2018-19</b>	<b>1</b>	To assess the present status of agricultural loan and its repayment position in Bhagwanpur Block of Kaimur District of Bihar.	Gautam Raj Prakash	Dr. S. K. Singh
	<b>2</b>	Study of paddy seed replacement rate in KashiVidyapith Block of Varanasi district U.P.	NeelmaniPrajapati	Dr. Manish Kumar Singh
	<b>3</b>	Economics of wheat cultivation in majhava block of mirzapur district (U.P.)	Krishna Kumar Gautam	Dr. Anil Kumar Singh
	<b>4</b>	Economic analysis of majaor winter vegetable crops in kasha vidyapith block of Varanasi district (U.P.)	Satish Kumar Sonkar	Dr. Anand Kumar Singh
	<b>5</b>	A Study on Marketed And Marketable Surplus of Wheat in Harahua Block of Varanasi District (U.P.)	Amit Kumar Singh	Dr. Rakesh Kumar





	6	Economics of Wheat Cultivation in Vidyapeeth Block of Varanasi District (U.P.)	Reeta Patel	Dr. S. K. Singh
	7	Economics of Analysis of potato production and marketing in Saidpur Block of Ghazipur District (U.P.)	Prince Singh	Dr. Anand Kumar Singh
	8	Economics of tomato cultivation in Araziline(Rajatalab) Block of Varanasi District(U.P.)	LalishaMaurya	Dr. Manish Kumar Singh
2019-20	1	Agro-Based food Processing industry in U.P.	Prabhat Kumar Pandey	Dr. S. K. Singh
	2	Study on economics of Cauliflower cultivation in Ranipur Block of Mau district.	RaghvendraPratap Singh	Dr. Manish Kumar Singh
	3	Economic Analysis of wheat Cultivation in Rani kiSarai Block of Azamgarh District (U.P.)	Vaibhav Singh	Dr. Anil Kumar Singh
	4	Economics analysis of mushroom production and marketing in Varanasi District (U.P.)	Pravin Singh	Dr. Anand Kumar Singh
	5	Production and marketing of cucumber crop Chiraigon block of Varanasi (U.P)	Ashutosh Singh	Dr. RakeshKumar
	6	Present status of agricultural finance and overdues position of farmers in Barahani block of Chanduli District (U.P.)	Reeshab Singh	Dr. S. K. Singh
	7	An economic analysis of tomato in Narayanpur Block of Mirzapur District(U.P.)	Kartik Singh	Dr. Manish Kumar Singh
	8	Economics Analysis of wheat Cultivation in Sewapuri Block of Varanasi (U.P.)	Dilip Patel	Dr. Anil Kumar Singh
	9	Economics of Analysis of Broiler production and marketing in Varanasi (U.P.)	ShubhamMaurya	Dr. Anand Kumar Singh
	10	A study of economics of wheat cultivation in cholapur Block Varanasi (U.P.)	Sujeet Kumar Singh	Dr. RakeshSingh
	11	An economics analysis of	Avinash Kumar	Dr. Manish





	wheat Cultivation in Harahua Block of Varanasi District (U.P.)	Singh	Kumar Singh
12	Economics analysis of paddy Cultivation in Shahbganj Block of Chandawali District (U.P.)	Rajnarayan Singh	Dr. AnandKumar Singh
13	A study of paddy production of Sakaldiha Block Chandauli (U.P.)	Abhinandan Singh	Dr. Rakesh Kumar

**Table 7: Thesis Awarded to Ph.D. Ag. (Agricultural Economics) students**

S. No.	Student's Name	Name of Supervisor	Year	Topic
1	Ravi Kant Rai	Dr. S. K. Singh	2010	A study of diversification activities and its impact on income and employment of self-help groups in Pratapgarh district of U.P.
2	Ajay Kumar Singh	Dr. P. N. Singh	2011	Application of commodity system approach in potato in Udham Singh Nagar District of Utrakhand
3	Balwant Kumar Singh	Dr. S. K. Singh	2012	An economic analysis of marketing of guava in Kaushambi district of Uttar Pradesh
4	Kamlesh Kumar Singh	Dr. B. B. Singh	2012	Impact of liberalization on agricultural trade in India

#### 6.4.7 Feedback of stakeholders (students, parents, industries, employers, farmers etc):

Faculty get the feedback from the students about the contents of the course completion. The progress of student performance is periodically briefed to Parents as and when required. The visit of students to industries, KVK and farmer's field as related to the course curricula, feedback is received about their active participation and involvement. Students visit industries related course curricula at that time, feedback is received about their active participation and involvement.

#### 6.4.8 Student intake and Attrition in the Programme for last five years.

In general, the student attrition low and the retention of the students are high in M.Sc. Ag (Agricultural Economics). The intake capacity, number of students admitted and the student attrition in the five years is given in Table 7.

**Table 7. Intake and attrition of students**

Academic year	Intake capacity	Number of students admitted	Attrition Number	Attrition %
2015-16	15	15	02	13.33
2016-17	15	15	05	33.33
2017-18	15	15	02	13.33



2017-18	15	15	07	46.66
2018-19	15	15	07	46.66
2019-20	15	15	02	13.33

**6.4.9 ICT application in curricula delivery**

The postgraduate class room cum labs is facilitated with LCD projectors along with smart board and internet facility for better delivery of lectures. The faculties use a combination of lectures and power point to make the concepts/techniques clearly understandable to the students. The students are also trained to make use the facility for presentation in the seminar/ assignment. Assignments with challenging problems are given to the students for analytical subjects. Assignments involving in the recent topic of the respective courses help in keeping track of current developments.

The students are being taught about the it facilities. Sufficient furniture, ventilation and lighting facilities are provided in all the classrooms for comfortable listening and writing of the students. A table, podium, whiteboard/ screen, black board with duster are available in each class room for the use of teachers. A common generator facility supplies power of the classrooms to avoid interruption to the class during power failure.

The details on the trials of AICRP projects operated by the department are given in table 6.2.

**Research, innovations and extension**

Ph.D. Students registration is done by the parental university. No Ph.D. Students were allotted by the university in the department since long. Though this year admission in Ph.D. Is under process. Extension activities by the department are facilitated to the B.Sc. (Ag) final year students under RAWEP programme.

The details on the trials of AICRP projects operated by the department

table 9. Ongoing AICRP Project

S.No.	Title	Period	Agency
1.	Nil		

Table 9.1. In house project (University/college research Project)

S.No.	Title	Period	Agency
1.	Nil		

**CERTIFICATE**

*I, the head, department of agricultural economics here by certify that information are furnished as per the records available in the department.*



*Signature of the head of the department*

*with date and Seal*









## 6.4. SELF STUDY REPORT FOR THE PROGRAMME

### M.Sc. Agriculture (Agricultural Chemistry and Soil Science)

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#### 6.4.1 Brief of the History of the Degree Programme

**Name of the Degree Programme: M.Sc. (Ag.) Agricultural Chemistry and Soil Science**

**Year of Start: 1991**

#### Objectives:

1. To teach students current concepts in Soil Science.
2. To instill in students a sound knowledge of Soil Science and Agricultural Chemistry and its application and to involve the students in an intellectually stimulating and satisfying experience of learning & studying workings of the natural resources.
3. Produce capable post graduates with strong theoretical knowledge and practical skill for undertaking teaching, research, extension and consultancy activities in the field of SSAC or natural resources.
4. To impart formal training to the students in the field of Soil Science to fulfill the requirements of farmer community.
5. Provide technical advices, consultancy services and short term training to farmers, development agents and other stakeholders in the area of Soil Science.

#### Vision:

1. To develop department as a seat of excellence in teaching and research to produce soil scientists who have scientific skills and expertise in field of Soil Science and Agri. Chemistry.
2. To develop the knowledge of the Soil Science studies and technologies of soil use and management through which food and nutritional security be assured and sustainable agriculture be maintained.

**Mission:** The department is committed -

1. To attain the excellence in teaching, research and extension by providing quality education, undertaking basic, applied and adaptive/advance research to students
2. To evolve suitable cost effective agricultural production and maintain sustainable agricultural production/protection technologies and by acting as tool for the wellbeing





of people.

### Accomplishment

1. The programme of M. Sc. Ag. (Agricultural Chemistry and Soil Science) was initiated in the year 1991 with 08 seats. Later on the number of seats was increased to 15 to fulfill the demand of desirous students belonging to different pockets of state. Since beginning, course curriculum of M. Sc. (Ag.) was adopted as per ICAR recommendation. Presently at P.G. level, IV Dean Committee recommendation is adopted however, for Bachelor degree, V Dean Committee recommendations are offered.
2. Total 265 M.Sc. Ag. (Agricultural Chemistry and Soil Science) students have passed out successfully and submitted their thesis. All the post graduates students have been placed in various organizations like State Departments, Banks, SAU's, private Universities and private sector etc., or pursue their Ph. D. programme.
3. One year P. G. Diploma in Environmental Science was started in 1990 with 35 seats.
4. The department has well experienced faculties for teaching and guiding students to their thesis research on different aspects in field of Soil Science and Agricultural Chemistry.
5. The department has adequate teaching facilities viz., audio visual aids in class room cum labs and well equipped laboratory, and computers with internet facility are available.
6. The department has well earmarked field to conduct PG and Ph.D. research experiments and to facilitate practical classes.
7. The department has its own departmental library having 500 Books.

**Table 1: Placement of the M.Sc. Ag. (Agricultural Chemistry and Soil Science) students**

Year of degree awarded	S. N	Name of the students	Mobile No.	Name of posting and address
2015-16	1	Awdhesh Kr. Singh	8318013007	Assistant Professor & HOD, Agriculture Deptt., KC Group of Institution, Nawanshahr, Punjab.
	2	Amit Singh	9696146246	Assistant Professor, Shivalik Institute of Professional Studies, Dehradun.
	3	ArjunChaudhary	7376017237	Lab. Chemist and Production Manager, VAD Crop Science Pvt. Ltd., Lucknow
	4	Ankita Singh	7985005413	Cane Supervisor, Sugar Industry and Cane Development, Government of U.P., Rasda, Ballia





	5	Sunil Kr. Maurya	8574113933	IFFCO Bazar, Rajatalab, Varanasi
	6	Mukesh Kumar	8115231756	Cane Supervisor, Sugar Industry and Cane Development, Government of U.P.
	7	Suresh Pal	9792000635	Sr. Field Development Officer, BASF India Ltd., Varanasi
	8	SantoshBharti	8429609803	AFO, Bayer Bio Science Pvt. Ltd. Rice Testing, Pryagraj
	9	YudhishtirRai	7376593402	Territory Sales Manager, Kaveri Seed Company Ltd. Veg. Division, Patna, Bihar
	10	Ajeet Kr. Dubey	9455214317	District Coordinator, Basic Education, Govt. of U.P., Bhadohi
	11	Om PrakashPandey	7398260828	Assistant Professor, Deptt. Of Ag. Chem. & Soil Science, Udai Pratap Autonomous College, Varanasi
<b>2016-17</b>	1	Niraj Kr. Maurya	7985631492	Asst. Fertilizer Analyst, Fertilizer and Pesticide Laboratory, Varanasi
	2	ShekharVerma	7905804393	Executive Officer, GSFC AgrotechLtd., Shimla, H.P.
	3	SandipKushwaha	8840695509	Retail Store Manager, Zuari Agro Chemical Pvt. Ltd, Muzaffarpur, Bihar
	4	VikramKannaujiya	9651696720	Asst. Fertilizer Analyst, Fertilizer and Pesticide Laboratory, Varanasi
	5	Mahendra Kumar	7398018548	Executive Officer, GSFC Agrotech Ltd. Samastipur, Bihar
	6	ShreyaSinha	8176063024	Asst. Teacher, SRVS PUBLIC SCHOOL, MugalSarai, Chaundali
	7	Gaurav Kr. Pandey	8381817396	Asst. Pesticide Analyst, Fertilizer and Pesticide Laboratory, Varanasi
	8	Sandeep Kr. Patel	8565033597	Assistant Professor, Deptt. Of Ag. Chem. & Soil Science, Udai Pratap Autonomous College, Varanasi
	9	SaurabhSrivastava	8115811156	A.F.O., Oriental Bank Of Commerce, Noida.
	10	Ashutosh Kr. Rai	9506444432	Ph.D. Scholar, Deptt. Of Soil Science and Ag.Chemistry, BUAT, Banada, U.P.
	11	Atul Kr. Sharma	9453679889	Executive Officer, GSFC Agrotech Ltd. Raipur, C.G.
	12	Chandra Shekhar	8423140979	YPI, IIVR, Varanasi
<b>2017-18</b>	1	Umashankar Gupta	6392319915	Asst. Block Manager, UPSRLM (PROJECT WORK)
	2	Awanish Kr. Singh	9415990744	Sales Officer, United Agencies India Pvt. Ltd., Varanasi, U.P.
	3	VikashLalKannaujiya	8896500960	Area Sales Manager, KapilaKamdhenu Cattle Feed, Poorvanchal





	4	Madhu Devi	9795643771	Ph.D. Scholar, Deptt. of Soil Science and Ag. Chemistr, BUAT, Banada, U.P.
	5	AbhinavKr.Singh	8960203643	Assistant Tech. Manager, ATMA, Rohtash, Bihar
	6	Anuj Kr. Shukla	9451534477	Executive Officer, GSFC Agrotech Ltd. Chandigarh
	7	Ankit Singh	8604763579	Assistant Professor, Ram Lalit P.G. College, Mirzapur, U.P.
	8	Virendra Kr. Yadav	9005124610	Executive Officer, GSFC Agrotech Ltd. Kaithal, Haryana
	9	Anurudh	9935541832	M.D., Prabha Seeds Farm, Phoolpur, Pachrow, Varanasi
2018-19	1	Harish Chandra	9795152843	Sales Excecutive, Microplex Agro chemicals, Kunda, Pratapgarh (U.P.)
	2	Manish Kumar	9507434051	YP-2, Biotech Kisan Hub, KrishVigyan Kendra Sitamarhi, RAU, Pusa, Bihar
	3	Abhishek Kr. Shukla	8400828910	YP-2 Soil Science, Rani Lakshmi Bai Central Agricultural University, Jhansi (U.P.)

**Table1.1: Placement of the Ph.D. (Agricultural Chemistry and Soil Science) students**

Year of degreeawarded	Name of the students	Mobile No.	Name of posting and address
2011	B. P. S. Raghubanshi	9981649329	Sr. Technical Officer (T-6) Soil Science.RVSKVY, Gowaliar, M.P.KVK, LAHAR (BHIND), M.P.
	Smt. Aruna Singh	9918938305	Lecturer, Central School, Ayodhya (U.P.)
2012	Smt. Ruby Saha	7004572275	Asst. Prof. cum Jr. Scientist, Deptt.Of Soil Science & Ag. Chemistry, B.P.Shastrri Agriculture College, Purnea, Bihar
2013	Shiv ShankerVerma	9795385870	SahayakVikasAdhikari/Prabhari Subject Matter Specialist, KrishiVibhag, Ghazipur, U.P.
	S. K. S. Chandel	8381895505	Assitant Professor Dept. of Agricultural Chemistry and Soil Science, Janta College, Bakewar, Etawah, U.P.
2021	Neeraj Kumar Vaishya	9334326632	Subject Matter Specialist (Soil Science), KrishiVigyan Kendra, GumlaVikasBhartiBishunpur, Gumla (Jharkhand)
	Manoj Kr. Singh	8318297437	Technical Assistant, Deptt. Of Agriculture, U.P. posted at Varanasi

#### 6.4.2 Faculty strength





The faculties of the department are well experienced and qualified to manage the teaching and guiding thesis research to students of postgraduate and Ph.D. on different aspects of Soil Science and Agricultural Chemistry especially Soil Chemistry, Soil fertility, Soil Physics and Soil & Water pollution (Table 2).

**Table 2: Faculty status of the Department of Agricultural Chemistry and Soil Science, Faculty of Agriculture, U. P. College, Varanasi**

Sr. No.	Sanctioned faculty	Sanctioned post in position	Faculty in place	Vacant position	Faculty recommended by the ICAR/UGC/VCI/ Other regulatory bodies
<b>A. Core Faculty</b>					
1	Professor	-	-	-	UGC
2	Associate Professor	N.A.	02	N.A.	UGC (through CAS)
3	Assistant Professor	04	01	01	UGC
4	Assistant Professor Management Arrangement	03	03	-	Udai Pratap College Educational Society
	Total	07	06	01	

**Table 3: Details of the faculty of the department**

S.No.	Name of the Faculty	Designation	Specialization
<b>A) Permanent Faculty</b>			
1.	Dr. Raghwendra Pratap Singh	Associate Professor and Head	Soil Chemistry, Soil Fertility and Environment
2.	Dr. Sanjay Kumar Shahi	Associate Professor	Soil Physics and Soil Fertility
3.	Sri Aditya Kumar	Assistant Professor	Soil Fertility
<b>B) Management Arrangement Faculty</b>			
1.	Dr. Ajai Kumar Singh	Assistant Professor	Ag. Biochemistry & Microbiology
2.	Sri Sandeep Kumar Patel	Assistant Professor	Soil Microbiology and Soil fertility
3.	Sri Om Prakash Pandey	Assistant Professor	Soil Pollution and Agricultural Chemicals

The credentials of the faculty engaged in teaching M.Sc. Ag. (Agricultural Chemistry and Soil Science) students are furnished in Table 4.





**Table 4: Credentials of Faculty**

S. No.	Name of the faculty	Designation	Subject/ Specialization	Total years of services	Awards/ Medals/ Fellowship/ Recognition	Publication			Students guided as Chairman/ Co-chairman	
						Books/chapter	Research papers	Articles	P.G.	Ph. D.
1.	Dr. Raghwendra Pratap Singh	Associate Professor and Head	Agricultural Chemistry and Soil Science	28	<b>Award:</b> CROP RESEARCH award for year 2004, Honored by National Thinkers Forum on Teachers Day, 5 <sup>th</sup> September, 2006; Councilor of the Indian Society of Soil Science and member of Technical Committee during 2009-2011	02+06=08	72	21	130	08
2.	Dr. Sanjay Kumar Shahi	Associate Professor	Agricultural Chemistry and Soil Science	16	GBPUAT, Pantnagar University fellowship during M. Sc.(Ag.) GBPUAT, Pantnagar University fellowship during Ph.D.	07	30		90	01
3.	Sri Aditya Kumar	Assistant Professor	Agricultural Chemistry and Soil Science	04	ICAR JRF (2010-12)	04	08		05	
4.	Dr. Ajai Kumar Singh	Assistant Professor	Agricultural Biochemistry	10			10			
5.	Sri Sandeep Kumar Patel	Assistant Professor	Agricultural Chemistry and Soil Science	04			05			
6.	Sri Om PrakashPandey	Assistant Professor	Agricultural Chemistry and Soil Science	02			03			





### Guest speakers/experts

- The external examiners and experts from other SAU's/ concerned organizations are invited to deliver special lecture on latest technological developments in the subject and applied aspects.

### 6.4.3 Technical and Supporting Staff

The faculty has appointed adequate technical/laboratory staff for catering the needs of the practicals, and field experiment for M.Sc. Ag. (Agricultural Chemistry and Soil Science) and Ph.D. (Agricultural Chemistry and Soil Science). The distribution of technical staffs is furnished below:-

Category of the staff	Present Strength and Details
Lab. Assistant	01 – Sri Ranjeet Singh
Lab bearer	01 – Sri Juj Singh 02- Sri Phulendar Ram
Peon	01- Sri B.P.Singh

### 6.4.4 Classroom and Laboratories

The Department has an adequate infrastructure and facilities for excellent teaching and holistic learning experience to the students. There is one lecture hall for the students of M.Sc. Ag. (Agricultural Chemistry and Soil Science) having capacity of 30 students provided within the necessary teaching aids such as white board, furniture, electrical fittings, podium etc. for providing better learning experience. The class rooms are designed in eco-friendly mode to provide appropriate unit of natural height and fresh air inside the classroom.

The faculty members are also utilized ICT based teaching aids such as LCD Projector and e-resources. The students are also given assignment and other problem related work for improving the analytical ability. Weekly seminar for PG students is organized to explore the learning and creative capacity of the students under the Aegis of the **Indian Society of Soil Science, New Delhi.**

The post graduate and research laboratories of the department are well equipped to conduct the practicals and experiments to the students. The following laboratory facilities are available for the M.Sc. Ag. (Agricultural Chemistry and Soil Science) and Ph.D. (Agricultural Chemistry and Soil Science) degree programme.

- Post graduate laboratory
- Research laboratory





- Soil and plant processing laboratory
- Research field for taking up field practical's and thesis research work

The laboratory is having well equipped with white board, furniture, electrical fittings, podium, and LCD projector besides the chemical analysis of plant and soil. The instruments/equipments available in the laboratories of the department are:

S.N.	Name of the instrument	Quantity
1	Atomic Absorption Spectrophotometer	01
2	Spectrophotometer	01
3	Flame photometer	01
4	Cooling Centrifuge	01
5	BOD Incubator	01
6	Microprocessor based pH-EC-TDS meter	02
7	Mechanical Shaker	02
8	Quartz BI Double Distillation Unit	01
9	Microscope	01
10	LCD projector	01
11	Computer	03
12	Dissolve Oxygen Analyser	01
13	Muffle Furnace	01
14	Digital Hot Air Oven	02
15	Nitrogen digestion and distillation assembly with separate chamber	01
16	Overhead Projector	01
17	Clevenger's Apparatus	02
18	Lab Ball Mill	01
19	Digital and Electronic Balance	03
20	Autoclave	01

### Physical Facilities in Division and Instructional farm

The Faculty has 50 acres of farmland, out of which 25 acre is under experimentation for conducting various postgraduate research experiments, practical crop production and field practical's, hands on training to the students. The Agriculture farm has adequate number of tractors, farm equipments, tools and other machinery for providing hands on training to the students. The department has also research field adjoining the department for practical of U.G. & P.G. students and conducting research experiment of P.G. students faculty which is well maintained and easily approachable and properly connected with road or path. The research and practical field of the Agriculture farm is having well leveled with adequate irrigation facilities.

The department have desktops and a laptop attached with printer. A well- equipped computer centre is available in the college. The computer centre is equipped with staff and students of this college. All these desktops and laptops under computer center are connected with internet for browsing. Since 2020, the computer centre is connected with 24\*7 10Mbps





internet Access through NMECT. This computer centre is used by the PG/Ph.D. students for assessing e-journals and other web based resources for the collection of literature. This center also provides internet connectivity to all the four academic blocks of the institution with internet cable and Wi-Fi is used for the LAN.

#### **6.4.5 Conduct of Practical's and Hands on Training**

The curriculum of practical classes is formulated based on the course needs as per prescribed in IVDean Committee report which are conducted in the field/ experimental lab in the allotted practical hours by the course teacher. The students are given hands-on- training on various techniques in the subject such as collection and analysis of soil and plant samples, soil moisture measurement, soil temperature measurement, determination of bulk and particle density, foliar fertilization, etc.

The students are exposed to Research Institute, KVK, experimental fields, soil & fertilizer testing labs, and farmer's so that they can be aware of new technologies. The students are sufficiently benefited with hands-on training during their practical classes.

#### **6.4.6 Supervision of students in PG. /Ph. D. programmes**

The students are allowed to explore the research problem on their own interest as they are permitted to take up research on the field and in laboratory (analytical) based on problems faced by the farming community of the Uttar Pradesh. The research proposal prepared by students is properly check and approved by the supervisor and the research advisory committee. The research experiment is being monitored periodically and guided by the supervisor. Initially, the intake of M.Sc. Ag. (Agricultural Chemistry and Soil Science) student was 08 per year but now intake of M.Sc. Ag. (Agricultural Chemistry and Soil Science) students have been increased to 15 seats. The number of thesis awarded to the M.Sc. Ag. (Agricultural Chemistry and Soil Science) students in the last five years are furnished in Table 5. The details of Ph. D. students are furnished in Table 6.

**Table 5. Thesis Awarded to M.Sc. Ag. (Agricultural Chemistry and Soil Science) students**

<b>S.No.</b>	<b>Year of degree awarded</b>	<b>No. of the students</b>
<b>1.</b>	<b>2016-17</b>	12
<b>2.</b>	<b>2017-18</b>	12
<b>3.</b>	<b>2018-19</b>	11
<b>4.</b>	<b>2019-20</b>	12
<b>5.</b>	<b>2015-16</b>	13





**Table 3.1: Thesis Awarded to M.Sc. Ag. (Agricultural Chemistry and Soil Science) students**

Year of degree awarded	S. N	Title of the thesis	Name of the student	Name of the Supervisor
2015-16	1	Effect of integrated use of <i>Rhizobium</i> and N fertilizer on green gram ( <i>Vigna radiate</i> L.)	Awdhesh Kr. Singh	Dr. R. P. Singh
	2	Relative performance of Neem( <i>Azadirachta indica</i> ) coated urea Vis-A-Vis ordinary urea applied to rice based on soil test.	Amit Singh	Dr. S.K. Shahi
	3	Effect of phosphorus and VAM on availability of soil phosphorus and yield potential of wheat ( <i>Triticumaestivum</i> L.)	ArjunChaudhary	Dr. R. P. Singh
	4	Effect of phosphorus and PSB on availability of soil phosphorus and yield potential of green gram ( <i>Vigna radiate</i> L.).	Ankita Singh	Dr. R. P. Singh
	5	Effect of potassium with or without FYM on soil fertility status and productivity under mustard crop	Sunil Kumar Maurya	Dr. S.K. Shahi
	6	Use of cow urine as a source of nitrogen on Rice	Mukesh Kumar	Dr. R. P. Singh
	7	Effect of phosphorus and PSB on availability of soil phosphorus and yield potential of wheat ( <i>Triticumaestivum</i> L.)	Suresh Pal	Dr. R. P. Singh
	8	Effect of Nickel with different source of nitrogen on Rice ( <i>Oryza sativa</i> L.)	Shambhunath	Dr. R. P. Singh
	9	Effect of sulphur and calcium on mustard ( <i>Brassica juncea</i> L.)	Phresh Kumar	Dr. R. P. Singh
	10	Response of mungcrop ( <i>Vigna radiate</i> L.) to boron application	Ravi Kant Singh	Dr. S.K. Shahi





		in alluvial soil of Varanasi district		
	<b>11</b>	Soil quality, crop productivity and nutrient uptake under mustard ( <i>Brassica juncea</i> L.) crop as influenced by varying levels of NPKS and vermicompost	Rohit Kumar	Dr. S.K. Shahi
	<b>12</b>	Effect of integrated nutrient management on soil fertility status and productivity under green gram ( <i>Vignaradiata</i> L.) crop.	Om Prakash Pandey	Dr. S.K. Shahi
	<b>13</b>	Distribution and fractionation of phosphorus in Jatropha growing soils of Varanasi district (U.P.).	Yudhishtir Kr. Rai	Dr. S.K. Shahi
	<b>14</b>	Influence of integrated use of FYM, PSB and super phosphate on soil fertility and productivity under mung bean ( <i>Vigna radiata</i> L.)	Santosh Kr. Bharti	Dr. S.K. Shahi
	<b>15</b>	Vertical distribution of potassium fractions in Jatropha growing soils of Varanasi district (U.P.)	Ajjet Kr. Dubey	Dr. S.K. Shahi
<b>2016-17</b>	<b>1</b>	Effect of NPKB and FYM on performance of Rice ( <i>Oryza sativa</i> L.) and soil properties.	Kailash Kr. Prajapati	Dr. S.K. Shahi
	<b>2</b>	Integrated effect of sulphur and zinc on soil fertility and Rice ( <i>Oryza sativa</i> L.) yield under wheat- rice cropping sequence.	Niraj Kr. Maurya	Dr. R.P. Singh Co- Dr. S.K. S. Chandel
	<b>3</b>	Effect of integrated use of chemical fertilizers, organic manure and biofertilizers on soil fertility and crop productivity under Rice ( <i>Oryza sativa</i> L.) crop.	Shekhar Verma	Dr. S.K. Shahi
	<b>4</b>	Soil fertility and productivity under mustard ( <i>Brassica juncea</i> L.) crop as influenced by	Sandip Kushwaha	Dr. S.K. Shahi





		integrated nutrient management.		
	5	Effect of sulphur and calcium on mustard ( <i>Brassica juncea</i> L.) and soil properties.	VikramKannaujiya	Dr.R.P.Singh Co- Dr.S.K.S.Chandel
	6	Effect of integrated use of chemical fertilizers, FYM and biofertilizers on soil fertility and crop productivity under Onion <i>Allium cepa</i> L.)	Mahendra Kumar	Dr. S.K. Shahi
	7	Effect of N,P,K,S and biofertilizers on Green gram ( <i>Vigna radiate</i> L.) and soil properties.	ShreyaSinha	Dr. S.K. Shahi
	8	Effect of S and B on mustard ( <i>Brassica juncea</i> L.) and S and B status of soil.	Gaurav Kr. Pandey	Dr.R.P.Singh Co- Dr.S.K.S.Chandel
	9	Effect of foliar application of boron at different stages of crop growth of Rice ( <i>Oryza sativa</i> L.).	Sandeep Kr. Patel	Dr.R.P.Singh Co- Dr.S.K.S.Chandel
	10	Effect of nickel with different sources of nitrogen on Rice ( <i>Oryza sativa</i> L.).	SaurabhSrivastava	Dr.R.P.Singh Co- Dr.S.K.S.Chandel
	11	Effect of integrated use N, P, K, Zn and farm yard manure on soil Properties and performance of mustard ( <i>Brassica juncea</i> L.).	Ashutosh Kr. Rai	Dr. S.K. Shahi
	12	Response of Rice ( <i>Oryza sativa</i> L.) to sulphur and zinc.	Atul Kr. Sharma	Dr.R.P.Singh Co- Dr.S.K.S.Chandel
2017-18	1	Effect of boron and calcium nutrition on the performance of Black Gram ( <i>Vignamungo</i> L.)	Umashankar Gupta	Dr. S.K. Shahi
	2	Effect of iron and manganese Green Gram ( <i>Vigna radiate</i> L.) and soil properties.	Sunil Kumar Patel	Dr.R.P.Singh Co- Dr.S.K.S.Chandel
	3	Effect of zinc and boron on paddy ( <i>Oryza sativa</i> L.) crop.	Awanish Kr. Singh	Dr.R.P.Singh Co- Dr.S.K.S.Chandel
	4	Effect of boron (Soil and foliar	Siyasat Ansari	Dr.R.P.Singh





		spray) on Rice ( <i>Oryza sativa</i> L.) crop.		Co- Dr.S.K.S.Chandel
	5	Effect of boron and FYM application on crop productivity and soil properties under mustard ( <i>Brassica juncea</i> L.) crop.	VikashLalKannaujiya	Dr. S.K. Shahi
	6	Effect of manganese on Black Gram ( <i>Vignamungo</i> L.)	RenuVerma	Dr.R.P.Singh Co- Dr.S.K.S.Chandel
	7	Effect of integrated use of chemical fertilizer, FYM and PSB on soil fertility and crop productivity under Okra ( <i>Ablemoschusesculentus</i> L.) crop.	AbhinavKr.Singh	Dr. S.K. Shahi
	8	Effect of zinc and FYM application on soil properties and performance of mustard ( <i>Brassica juncea</i> L.) crop.	Anuj Kr. Shukla	Dr. S.K. Shahi
	9	Effect of zinc and organic manures application on crop productivity and soil fertility under Rice( <i>Oryza sativa</i> L.) crop.	Ankit Singh	Dr. S.K. Shahi
	10	Effect of phosphorus, FYM and PSB addition on crop productivity and soil fertility under Cow Pea ( <i>Vignaunguiculata</i> L.)	Virendra Kr. Yadav	Dr. S.K. Shahi
	11	Zinc Bio- fortification (Agronomic) of Rice( <i>Oryza sativa</i> L.) in an Inceptisol.	Anurudh	Dr.R.P.Singh Co- Dr.S.K.S.Chandel
	12	Effect of Boron and Manganese on Black gram ( <i>Vignamungo</i> ).	Madhu Devi	Dr.R.P.Singh Co- Dr.S.K.S.Chandel
2018-19	1	Effect of phosphorus fertilization on its transformation under Rice crop ( <i>Oryza sativa</i> L.).	Abhishek Kr. Shukla	Dr. S.K. Shahi Co- Mr.Aditya Kumar





	<b>2</b>	Effect of Zn and S Interaction on soil properties and yield of Rice ( <i>Oryza sativa</i> L.).	Satish Kr. Maurya	Dr.R.P.Singh Co- Dr.S.K.S.Chandel
	<b>3</b>	Effect of neem coated urea on availability of plant and yield of Rice ( <i>Oryza sativa</i> L.)	Niteesh Patel	Dr.R.P.Singh Co- Dr.S.K.S.Chandel
	<b>4</b>	Effect of phosphorus fertilization on its transformation under mustard ( <i>Brassica juncea</i> L.)	Sunil Kumar	Dr. S.K. Shahi Co- Mr.Aditya Kumar
	<b>5</b>	Effect of potassium doses on Rice ( <i>Oryza sativa</i> L.) performance and nutrient dynamics in plant and soil.	Kishan	Dr.R.P.Singh Co- Dr.S.K.S.Chandel
	<b>6</b>	Physico- Chemical properties and N,P,K and S status of soils of Harahua Block of District Varanasi(U.P.)	Vibha Singh	Dr.R.P.Singh Co- Dr.S.K.S.Chandel
	<b>7</b>	Effect of sulphur, zinc, and FYM application on performance of Rice ( <i>Oryza sativa</i> L.) and soil properties.	AtulYadav	Dr. S.K. Shahi Co- Mr.Aditya Kumar
	<b>8</b>	Effect of integrated use of inorganic fertilizers, biofertilizer and FYM on performance of Rice ( <i>Oryza sativa</i> L.) and soil properties.	Varun Kr. Singh	Dr. S.K. Shahi Co- Mr.AdityaKumar
	<b>9</b>	Effect of integrated use of inorganic fertilizers, FYM and <i>Azospirillum</i> on soil fertility and productivity under wheat crop ( <i>Triticumaestivum</i> L.)	Harish Chandra	Dr. S.K. Shahi Co- Mr.Aditya Kumar
	<b>10</b>	Effect of Sulphur, Zn, and FYN application on soil properties and Productivity under mustard ( <i>Brassica juncea</i> L.)	Sandeep Patel	Dr. S.K. Shahi Co- Mr.Aditya Kumar
	<b>11</b>	Zinc Bio- fortification (Agronomic) in wheat ( <i>Triticumaestivum</i> L.)	Manish Kumar	Dr. R.P. Singh Co-Dr. S.K.S. Chandel
<b>2019-20</b>	<b>1</b>	Effect of copper on nutrition on	Vaishali Singh	Dr. S.K. Shahi





	growth, yield, performance and nutrient uptake by wheat ( <i>Triticumaestivum</i> L.) crop.		Co- Mr. Aditya Kumar
2	Effect of Inegrated use of chemical fertilizer, organic manure and biofertilizer on the performance of Mung bean ( <i>Vignaradiate</i> L.).	Avanendra	Dr. S.K. Shahi Co- Mr. Aditya Kumar
3	Effect of sulphur and zinc on mustard ( <i>Brassica juncea</i> L.) crop in an Inceptisols.	Manish Chandra	Dr.R.P.Singh Co- Dr.S.K.S.Chandel
4	Effect of sulphur and zinc nutrition on growth and yield potential on mustard ( <i>Brassica juncea</i> L.) and soil properties.	Saroj Kumar	Dr. S.K. Shahi Co- Mr. Aditya Kumar
5	Effect of zinc and boron on mustard ( <i>Brassica juncea</i> L.) crop in inceptisols.	Roshan Kr. Maurya	Dr.R.P.Singh Co- Dr.S.K.S.Chandel
6	Respons of boron application on growth and productivity of Brinjal( <i>Solanummelongena</i> L.)	AmitKr.Rai	Dr. S.K. Shahi Co- Mr. Aditya Kumar
7	Effect of integration of fertilizers FYM and PSB on productivity of wheat ( <i>Triticumaestivum</i> L.) and soil properties.	Shailendra Kr. Kushawaha	Dr. S.K. Shahi Co- Mr. Aditya Kumar
8	Effect of Ca and B on mustard ( <i>Brassica juncea</i> L.) crop.	Harishankar Singh	Dr.R.P.Singh Co- Dr.S.K.S.Chandel
9	Effect of foliar application of Zn on growth and yield of Rice( <i>Oryza sativa</i> L.) in Inceptisol Varanasi (U.P.)	Adarsh Singh	Dr.R.P.Singh Co- Dr.S.K.S.Chandel
10	Effect of NPK and zinc nutrition on growth yield and uptake by Rice ( <i>Oryza sativa</i> L.)	Shivam Rajput	Dr. S.K. Shahi Co- Mr. Aditya Kumar
11	Physico- Chemical properties and available nutrient (N,P,K) status of soil of Saidpur Block of District Ghazipur (U.P.)	Vivek Singh	Dr.R.P.Singh Co- Dr.S.K.S.Chandel
12	Effect of B on soil fertility and	ShubhamSingh	Dr.R.P.Singh





		Rice ( <i>Oryza sativa</i> L.) in Inceptisol of Varanasi (U.P.)		Co- Dr.S.K.S.Chandel
2020-21	1	Effect of Zinc Fertilization on growth and yield of Okra ( <i>Abemoschus esculentus</i> L.)	Amresh Kr. Singh	Dr. R. P. Singh
	2	Effect of boron and zinc on black gram ( <i>Vigna mungo</i> L.)	Rajeev Kumar Singh	Dr. R. P. Singh
	3	Effect of NPK, zinc and organic manure application on the performance of mung bean ( <i>Vigna radiate</i> L.)	Ananya Singh	Mr. Aditya Kumar
	4	Effect of chemical fertilizers, FYM and biofertilizers (PSB and Azotobacter) on crop productivity and soil fertility under Cow pea ( <i>Vigna Unguiculata</i> L.)	Satish Singh	Mr. Aditya Kumar
	5	Effect of NPK, zinc and FYM on growth, yield parameter and uptake of nutrients by sunflower ( <i>Helianthus anus</i> L.) crop post-harvest soil fertility status.	Shivam Dubey	Dr. S. K. Shahi
	6	Impact of integrated use of inorganic fertilizers, FYM and bio-fertilizers on performance of Sunflower ( <i>Helianthus anus</i> L.) and soil properties.	Amit Kr. Mehta	Dr. S. K. Shahi
	7	Effect of integrated use of inorganic fertilizers, organic manure and bio fertilizer on the performance of black gram ( <i>Vigna mungo</i> L.) and soil properties	Sandip Verma	Dr. S. K. Shahi
	8	Influence of chemical fertilizer, FYM and rhizobium on growth, yield and nutrient uptake and soil properties under summer green gram ( <i>Vigna radiate</i> L.)	Deepak Kr. Bharti	Mr. Aditya Kumar
	9	Effect of NPK levels with and without zinc and FYM on soil	Surya Prakash Gond	Mr. Aditya





		available nutrient status, growth and yield attributes of black gram ( <i>Vigna mungo</i> L.)		Kumar
10		Effect of sulphur and zinc nutrition on soil properties and productivity under mung bean gram ( <i>Vigna radiate</i> L.)	Umesh Yadav	Dr. S. K. Shahi
11		Effect of boron on growth and yield of green gram ( <i>Vigna radiate</i> L.).	Adarsh Kumar Singh	Dr. R. P. Singh
12		Effect of different levels NPK, Farm Yard Manure and Rhizobium on productivity and nutrient availability under Black gram ( <i>Vigna mungo</i> L.)	Avanish Singh	Dr. S. K. Shahi
13		Effect of nickel on growth and yield of green gram ( <i>Vigna radiate</i> L.)	Sumeet Barnawal	Dr. R. P. Singh

**Table 6. Details of Ph.D. (Agricultural Chemistry and Soil Science) students**

S.N.	Year of Award	Title of the thesis	Name of the student	Name of Supervisor/Co-supervisor
21	2013	Effect of sulphur and zinc application on peppermint ( <i>Mentha arvensis</i> ) under Jatropha.	Shiv Shanker Verma	Dr. R.S.Singh
22	2013	“Physico-Chemical Characteristics and Fertility Status of Soils of District Varanasi (U.P.)”	Sujeet Kumar Mishra	Dr. R. P. Singh
23	2013	Effect of S and Ni on utilization of nutrients and yield of Wheat ( <i>Triticum aestivum</i> L).	S. K. S. Chandel	Dr. R. P. Singh
24	2021	Effect of silicon sources and levels on soil fertility, production potential and quality of rice ( <i>Oryza sativa</i> ) under lateritic soil of Jharkhand.	Neeraj Kumar Vaishya	Dr. S. K. Shahi
25	2021	Effect of Ni with different nitrogen sources on utilization of nutrients, soil properties and yield of Wheat ( <i>Triticum aestivum</i> L).	Manoj Kumar Singh	Dr. R. P. Singh
26	Registered	Influence of Boron and Zinc Nutrition on crop productivity and fertility status of soil under green gram ( <i>Vigna radiata</i> L.).	Indra Kumar Kushwaha	Dr. R. P. Singh

**6.4.7 Feedback of stakeholders (students, parents, industries, employers, farmers etc):**





The CSSC meeting is usually held at two times during the mid and end of semester where faculty get the feedback from the students representative (02 representative per class) about the contents of the course completion and the teaching skills of the faculty. The progress of student performance is periodically briefed to Parents as and when required. The visit of students to industries, KVK and farmer's field as related to the course curricula, feedback is received about their active participation and involvement. Students visit industries related to the course curricula. At the time, feedback is received about their active participation and involvement.

#### 6.4.8 Student intake and Attrition in the Programme for last five years.

In general, the student attrition very low and the retention of the students are very high in M.Sc. Ag.(Agricultural Chemistry and Soil Science). The intake capacity, number of students admitted and the student attrition in the five years is given in Table 7.

**Table 7. Intake and attrition of students**

Academic year	Intake capacity	Number of students admitted	Attrition Number	Attrition %
2015-16	15	15	3	20
2016-17	15	14	2	13
2017-18	15	15	3	20
2018-19	15	15	4	26
2019-20	15	15	3	20

#### 6.4.9 ICT Application in Curricula Delivery

The postgraduate class room cum laboratory is facilitated with LCD projector along with white board and internet facility for better delivery of lectures. The faculties use a combination of lectures and power point to make the concepts/techniques clearly understandable to the students. The teaching faculty has updated the usage of IT enabling gadgets. Post graduate classes are equipped with audio visual aids and staff make presentations in the recent topics of relevant subjects with the use of ICT tools. In practical classes, lab instrument operations are explained through video clippings to gain operational skill. To enhance quality in research, students are encouraged to access relevant literature from various e – websites.

The students are also trained to make use the facility for presentation in the seminar/ assignment. Assignments with challenging problems are given to the students for analytical subjects. Assignments involving in the recent topic of the respective courses help in keeping track of current developments.





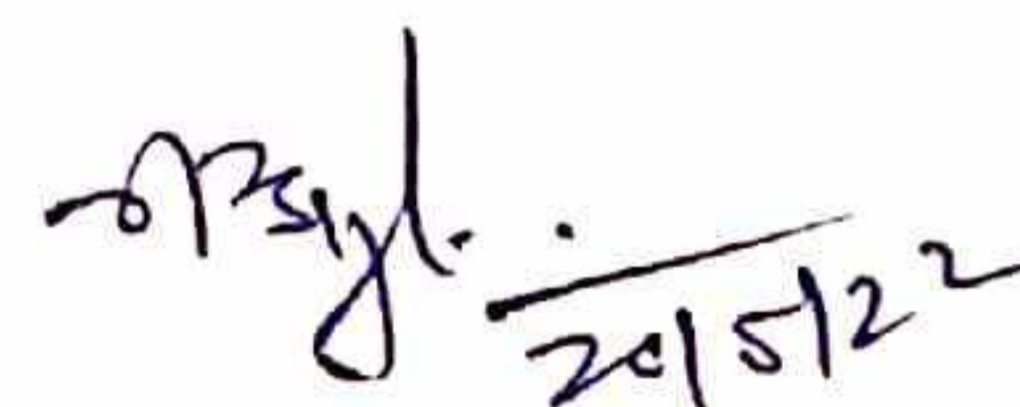
A table, podium, whiteboard/ screen/black board with duster are available in each class room for the use of teachers. A common generator facility supplies power of the classrooms to avoid interruption of the class during powerfailure.

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

YES

### CERTIFICATE

*I, the Head, Department of Agricultural Chemistry and Soil Science hereby certify that information contained in the sections 6.4.1 to 6.4.9 are furnished as per the records available in the department.*

  
20/5/22

*Signature of the Head of the Department  
with Date and Seal*

**HEAD**

**Deptt. of Ag. Chemistry & Soil Science  
Udai Pratap Autonomous College  
Varanasi-221002 (U.P.) INDIA**





## DEPARTMENT OF AGRICULTURAL CHEMISTRY & SOIL SCIENCE

### *LABORATORIES (U.G., P.G. & RESEARCH)*



### *DEPARTMENTAL LIBRARY*



### *ACTIVITIES RELATED TO PG THESIS WORK*







### GUEST LECTURE



### Faculty and Students in Awareness Programme



### Visit by U.P. Govt. Officials

