



**Self Study Report of  
Dr. Kalam Agricultural College,  
Kishanganj**

**Bihar Agricultural University, Sabour  
Bhagalpur 813210 (Bihar)**



[www.bausabour.ac.in](http://www.bausabour.ac.in)



[www.youtube.com/bausabour](http://www.youtube.com/bausabour)

Dr. Kalam Agricultural College, Kishanganj has been established on 10<sup>th</sup> August, 2015 by the order of the Govt. of Bihar. The college was named in the remembrance of the former Hon'ble President Late Dr. A.P.J Abdul Kalam. At present two research centres viz., Horticulture Research Centre and Advanced Centre on Sericulture are performing research & extension works on horticultural crops and sericulture respectively. DKAC, Kishanganj is serving farmers, farm women, rural youths and extension functionaries of Zone – II of the State to update their knowledge and skill.

The degree programme is of four years duration, which is divided into eight semesters. The B. Sc (Ag.) Hons. programme was initiated at the college in year 2015-16. The present intake capacity of the college is 60 students/ year for B. Sc (Ag.) Hons. course.

The college was established with an objective to impart quality education to the students in the field of Agricultural Sciences, for performing basic, strategic and applied research for overall development of agriculture, to conduct extension programmes for the farmers, rural youths & women by organizing on campus and off campus training programmes, diagnostic services for dissemination of advance and sustainable farm technology for their better livelihood and to produce and supply quality planting materials as well as breeder seeds for multiplication of foundation and certified seeds.

### **Important Accomplishments of the College since Establishment in 2015:**

#### **I. Teaching:**

The college has implemented ICAR-5<sup>th</sup> Dean Committee's recommendations helped in imparting quality education of students. Academic Automation System has enhanced the efficiency of the academic system by saving time and efforts involved in manual process. Biometric attendance system for efficient monitoring of students' attendance, professionalism and practical work experience among the students are imparted by experiential learning programme (ELP) on seed production technology, floriculture & landscaping etc. Quality teaching followed by student advisory system resulted in higher number of students qualifying for ICAR-JRF/PG entrance as well as job-oriented examinations.

#### **II. Research**

The scientists of DKAC, Kishanganj are actively involved in solving need based and location specific problems through externally as well as university funded research projects. The execution and outcome of research projects are also shared with students during practical classes.

#### **III. Extension Education**

The transfer of technologies through training and disseminating technical knowledge and management skills to large numbers of farmers are one of the prime focus of the college. To assist the farmers and other stakeholders, different training programmes viz., Kisan chaupal, MGMG etc. have been organized for dissemination of scientific technology. Diagnostic visits and demonstration on farmers' field have benefitted the farming community to develop their skills regarding management strategies against specific problems. Monitoring, execution and evaluation of ongoing extension activities (Training/ FLD/ OFT and others) of the KVKs under the administrative control of the college. College students frequently visit the KVKs and villages to understand the different methodologies of transfer of technologies at farmers/stakeholder which ultimately helps them in becoming better agricultural students. The college is also actively involved in providing resource persons/ experts in the various districts/ block level awareness programs for the farmers, organised by district agriculture department.

### **Conduct of Practical and Hands-on-Training:**

Practical and hands-on training for all courses in B.Sc. (Hons.) Ag. are being followed as per course curriculum recommended by ICAR-5<sup>th</sup> Dean Committee. Emphasis are being given for practical and hands on training for successful knowledge transfer to a growing and diverse student population. Further, to enhance knowledge of farming, students are regularly taken to the college farms, farmer's field and demonstration plots to develop skills needed for modern farming. Our well-furnished laboratories aid in teaching practical aspects different agricultural practices and cutting-edge modern science as well as imparting practical crop production, ELP and RAWE programmes in B. Sc (Ag.) Hons. course.

BAU, Sabour supports the right of students, faculties, and staffs for the successful attainment of working, living, and learning in all of the campuses of university. University has promptly resolved the issues raised by the students like personality development programme at college, providing fellowships and contingency to the students for purchase of books.

### **ICT Application in Teaching:**

All the existing class/lecture rooms have been upgraded as smart classrooms, which have interactive boards and are equipped with latest ICT tools for making teaching more interactive and effective. Academic Management System has been adopted to enhance the efficiency of the academic management system by saving time and efforts involved in manual processes. Development and distribution of e-notes/ e-content to the students. Enhancing students' access to the scientific literature through CeRA, CD ROM, KrishiKosh and scientific journal-subscription.

### **Monitoring Mechanism for Quality Education – Student Advisory System:**

Associate Dean-cum-Principal allots 3 - 5 students to each teacher per year, who serve as the advisor of the students throughout their four years programme. The advisors help the students in planning the programme of their study and courses to be offered. Each advisor discuss with his/her advisory and keeps track of student's progress. Advisors also discuss and try to solve advisee personal problems.

### **Monitoring of teaching:**

CCTV Camera has been installed in all the classrooms and examination hall, which used to be monitored directly by Associate Dean-cum-Principal.

### **Monitoring of research:**

Monitored through a multi-disciplinary committee at college level time to time and also monitored by the University level. Associate Dean-cum-Principal monitor the research activities of the all the departments and concerned scientists. The report of research activities along with issues raised by the scientists are also presented in monthly meeting. Field monitoring team formed at university level also visit college and submit feedback to Director Research. A multilevel research council meeting (RCM) organized twice in a year (*Kharif* and *Rabi* RCM) to monitor the research activities of all the scientists.

### **Monitoring of extension:**

Associate Dean-cum-Principal at college level conduct monthly meeting to monitor extension activities. Directorate of Extension at university level conduct the Extension council meeting twice in a year to monitor extension related activities.

### **Mention the impact of monitoring on the outcome of the College with reference to students' excelling:**

Monitoring at various stages helps students in knowledge enrichment and teachers in improving their teaching quality. It also helps in sharing the cutting-edge technologies to the students. The monitoring also helped students to be more sincere and enhanced interest towards their studies. It also helped teachers to improve their teaching quality by planning

lesson, classroom materials and regular assessment of students. The effective monitoring has led towards impact of students' performances in different entrance examinations conducted at university and national level. In 2019, out of 41 students, 13 students (with/ without fellowship) qualified ICAR-JRF examinations. The increasing number of students in qualifying PG entrance examination and securing jobs as Agriculture coordinator, Jeevika and other companies' further supports quality teaching and effective monitoring at DKAC, Kishanganj.

The strict monitoring has increased students presence in college premises, which also had a positive impact on their extracurricular activities. More number of students are actively participating in NSS programme, intra and inter university games, sports, cultural activities and representation in Uni Agri-fest.

#### **Conduct of Practical and Hands on Training:**

College has 10 functional laboratories and PCP/ Experiential learning plots for experiments by UG students. For horticultural practical works we have fruit crop orchards and ornamental landscapes/ gardens. As the subject agriculture is an entrepreneurial, the students studies in four years course curriculum are trained not only in their laboratory practical classes but also with exposure and attachment with farmers' for hands on training on indigenous as well as modern agricultural practices. Students are also involved in preparing soil health cards based on their engagement in soil testing laboratory. Moreover, through one semester RAWE/ Students READY programme the hands-on training are being organized for the students.

#### **Examination and Evaluation Process:**

The examination and evaluation process are conducted strictly based on the guidelines outlined in 5<sup>th</sup> Dean's committee recommendations. The internal and external examinations are conducted in 50:50 ratio and the weightage of theory and practical is in the ratio of 60: 40 respectively, in internal examinations. The external examination is conducted by the External Examination and Evaluation Cell of the university.

#### **Student Performance in National Examinations:**

Student performance in JRF/SRF/NET/ARS/and other national examinations for last five years, students receiving fellowships are mentioned here.

Examinations	No. of students qualified
JRF	02
Other national examination	52

\* Only one batch of B.Sc. (Hons.) Ag. passed out during 2019.

#### **Students Placement Profile:**

Majority of our students qualified in M.Sc. entrance examination in different discipline of agriculture. Our students also absorbed in government as well as private jobs. College placement cell is in continuous touch with the central placement cell of the University. Students seeking placement have been grouped and regular updates of different placement scheme is being informed to all concern students.

Overall Dr. Kalam Agricultural College is fully dedicated for quality teaching, research and extension activities to develop the agricultural graduates with highly professional skills and to uplift the socio-economic status of farming community of the state.

Nemo No. 719  
Date 20/9/21  
JKAC, Kishanganj

Associate Dean-cum-Principal  
Dr. Kalam Agricultural College,  
Kishanganj

#### **6.4.1. Brief History of the Degree Programme:**

Dr. Kalam Agricultural College, Kishanganj has been established on 10<sup>th</sup> August, 2015 by the order of the Govt. of Bihar. After foundation, Bihar government decided to rename the Kishanganj Agriculture College in the remembrance of the former Hon'ble President Late Dr. A.P.J Abdul Kalam. Hon'ble Chief Minister, Bihar said "It was Dr. Kalam, who suggested the inclusive growth model for Bihar, which is rich in cultural heritage and I am happy that working on his suggestions, development has taken Bihar to a new height over the last 10 years". Moreover, Kishanganj is known for good quality tea production apart from pineapple and jute. Beside these, maize and rice are the major crops of the district. At present two research centres viz., Horticulture Research Centre and Advance Centre on Sericulture have been sanctioned by the Govt. of Bihar to perform research and extension works on and horticultural crops and sericulture, respectively. DKAC, Kishanganj is serving the farmers, farm women, rural youths and extension functionaries of Zone – II of the State to update their knowledge and skills.

The present intake capacity of the college is 60 students/year for B.Sc. (Hons.) Agriculture course. The degree programme is of four years duration, which is divided into eight semesters.

B.Sc. (Hons.) Agriculture programme initiated (year): **2015-16**

#### **Objective :**

- To impart quality education to the students in the field of Agricultural Sciences.
- To undertake basic, strategic and applied research for over all development of agriculture and its allied sector and to address location specific problems.
- To undertake extension programmes for the farmers, rural youths & women by organizing on campus and off campus training programmes, diagnostic services for dissemination of advance and sustainable farm technology for their better livelihood.
- To produce and supply quality planting materials as well as breeder seeds for multiplication of foundation and certified seeds.

#### **Accomplishments :**

##### **I. Teaching:**

- Implementation of ICAR-5<sup>th</sup> Dean Committee's recommendations helped in imparting quality education

- Implementation of Academic Automation System immensely enhanced the efficiency of the academic system by saving time and efforts involved in manual process.
- Implementation of biometric attendance system for efficient monitoring of students
- Implementations of experiential learning programme (ELP) on seed production technology and floriculture and landscaping have brought professionalism and practical work experience among the students.
- Quality teaching followed by advisory system has yielded lesser attrition percentage and higher number of students qualifying for ICAR-JRF/PG entrance as well as job oriented examinations.

## **II. Research**

The scientists of DKAC, Kishanganj are committed to carry out basic, strategic and applied research for over all development of agriculture and its allied sector in addition to addressing location specific problems.

- Scientists of DKAC, Kishanganj are actively involved in solving need based and location specific problems through externally as well as university funded research projects (Annexure I).
- The execution and outcome of research projects are also shared with students during practical classes. The laboratory-based learning strengthens their conceptual understanding of the things taught in theory classes, which helps them in improving their overall academic performance.

## **III. Extension Education**

The transfer of technologies through training and disseminating technical knowledge and management skills to large numbers of farmers are one of the prime focus of the college.

- To assist the farmers and other stakeholders, different training programmes viz., Kisan chaupal, MGGM etc. have been organized for dissemination of scientific know-how (Annexure II).
- Diagnostic visits and demonstration on farmers' field have benefitted the farming community to develop their skills regarding management strategies against specific problems.

- Monitoring, execution and evaluation of ongoing extension activities (Training/FLD/OFT and others) of the KVKs under the administrative control of the college (Annexure II).
- College students frequently visit the KVKs and villages to understand the different methodologies of transfer of technologies at farmers/stakeholder which ultimately helps them in becoming better agricultural students.

#### 6.4.2. Faculty Strength:

S. No.	Faculty	Faculty In-place	Vacant position	Faculty recommended by the ICAR/UGC/VCI/ other regulatory bodies (ICAR 5 <sup>th</sup> Dean Committee)
1.	Associate Dean-cum-Principal	01	00	1
2.	University Professor	00	05	3
3.	Associate Professor	02	09	8
4.	Assistant Professor	20	05	34

\*\*University has already advertised the recruitment of permanent faculties against the vacant post. The details of advertisement are available at BAU, Sabour website ([https://www.bausabour.ac.in/Bau\\_Job.aspx](https://www.bausabour.ac.in/Bau_Job.aspx)) (Advt. No. 01/2019; dt: 23/12/2019 & Advt. No. 01/2020; dt: 21/01/2020).

#### • 6.4.3. Technical and Supporting staffs:

- The position of the permanent technical and supporting staff of the Degree Programme including farm and field workers need to be mentioned for both sanctioned and in- place.

S. No.	Technical & Supporting Staff	In place	Sanctioned
1	Technical & Supporting Staff	04 + 38*	42

\*Outsourced staffs.

#### 6.4.4. Classrooms and Laboratories:

- Mention the number of class rooms and functional laboratories available for the degree programme and justify if it is sufficient to meet the course curricula requirement.

Facility	No.	Capacity	Facility available
Smart Classrooms	03 smart class rooms + 01 simple class room	80 per classroom	LCD Projector, Computer, Wireless mike Digital Podium, Speakers
Departmental Laboratory	10	60 per Laboratory	All the laboratories are well equipped.
Conference hall	02  01	50 per conference hall  200 seating capacity	LCD Projector, Computer, Wireless mike Podium, Speakers

#### List of functional laboratories

S. N.	Functional laboratories	Status (Functional/ non-functional)
1	Plant Breeding & Genetics	<b>Functional</b>
2	Plant Biotechnology	
3	Soil Science & Agril. Chemistry	
4	Horticulture	
5	Entomology	
6	Plant Pathology	
7	Tissue Culture Lab.	
8	Agricultural Engineering	
9	Social Science	
10	Computer Lab.	

- List of major equipments, laboratories, farm facilities, workshops and other instructional units being utilized for the award of the Degree Programme

S. No.	Discipline	Major instruments
1	Plant Breeding, Genetics & Plant Biotechnology	Vortex mixture, Micropipette set, Electrophoresis Unit, Colony counter Compound microscope, Table top Centrifuge, Lab Hot plate, Refrigerator, Water distillation Unit (Single), Horizontal and vertical gel electrophoresis Unit, Table Top Rocker, Western hybridization unit, Ultra low temperature cabinet (-20 <sup>0</sup> C), Micropipette set, Electrophoresis Unit, Thermal Cycler, Autoclave, Laminar flow, Water distillation Unit (double), Micro-wave oven, pH meter, Electronic balance.
2	Soil Science & Agril. Chem.	Refrigerator, Shaker, pH meter, digital balance, Hot air oven, Magnetic stirrer, Single distillation unit, Muffle furnace, Rotary shaker (horizontal) and Electrical conductivity meter.
3	Horticulture	Refridgerator, Degital Refractometer, Vernier's Callipers, digital balance, distillation unit.
4	Entomology	Insect Boxes, spreading board, killing bottle, aspirator, DSLR camera, insect collection net (aerial, aquatic, sweep net), refridgerator, light trap, insect display box, computer, printer.
5	Plant Pathology	Laminar Air Flow (Small, 2ft X 2Ft), BOD Incubator, Steriobinocular Microscope, Hot Plate, Compound Microscopes, Electronic Top Balance, Microbial Colony Counter, Micro Centrifuge, Double Distillation Unit, Hcating Mantle, Magnetic Stirrer, Haemocytometer and Stage and Ocular Micrometer
6	Tissue Culture	Realtime PCR, Ge3r4e3r401eldoc, Spectrophometer, Nanodrop, Incubator, Laminar flow, Centrifuge machine, pHMeter, Growth chamber.
7	Agricultural Engineering	3D Printer, Computer, Solar dryer, modal of biogas plant, model of solar cooker, model of solar water pumping system, model of solar lantern, model of solar water heater, modal of solar street light.
8	Social Science	KIOSK, Computer, Printer, Laptop, Projector, Camera, Models, Exhibits, Practical Manuals.
9	Computer Lab	Computers, Laptop, Printer, Scanner, Modem.

**Farm Facility:****Farm Instruments/ Equipments/ Tools/ Machineries:**

Sr.	Division/ Department	Major instruments
1	Farm Instruments/ Equipments/ Tools/ Machineries	Tractor, Happy seeder, Zerotill drill, Tractor, cultivator, disc harrow, Labeller, Rotavator, Pumpset, Bund former, Khurpi, Spade, Scickle.

**Farm Infrastructures:**

Sl. No.	Farm facility	Area
1.	Seed Production	5.0 ha.
2.	Research Area	0.40 ha
3.	Sericulture Area	4.0 ha
4.	Horticulture Area	6.0 ha
5.	PCP Area	0.50 ha.
6.	Farm Office : Agriculture	1070 m <sup>2</sup>
7.	Farm Office : Horticulture	1070 m <sup>2</sup>
8.	Farm Office : Sericulture	595 m <sup>2</sup>
9.	Seed Processing Plant	496 m <sup>2</sup>
10.	Godown	500 m <sup>2</sup>
11.	Agriculture Storage	210 m <sup>2</sup>
12.	Farm Implement Shed	450 m <sup>2</sup>

**Workshops:**

Sr. No.	Work shop	Area/Equipments
1.	Agricultural Engineering Workshop	Area - 327.6 m <sup>2</sup> Tractor, Disk Harrow, Cultivator, Seed Cum Fertilizer Drill, Diesel Pump Set, Happy Seeder, Tractor operated Land leveller, Bund former, HDPE pipes.

**Other Important Infrastructures:**

S. No	Building Name	Nos. of Floor	Ground Coverage Area (Sq. mt)	Total BUA (Sq. mt)	Nos. of Block
1.	QC Lab	G	818	818	1
2.	CA Storage	G	207	207	1
3.	Engineering Implement Shed	G	200	200	1
4.	Bottling Plant	G+1	1540	2020	1
5.	Leaf & Soil Testing Lab	G	415	415	1
6.	Fruit & Vegetable Ground	G	500	500	1

**Other instructional units:**

Sr. No.	Other instructional units	Area
1.	Practical Crop Production	0.50 ha.
2.	Experiential Learning Programme (ELP) : Seed Production and Technology (0+10): in 2019-20	2.0 Acre
3.	Experiential Learning Programme (ELP) : AHT-422: Floriculture and Landscaping (0+10): in 2019-20	1.5 Acre
4.	Experiential Learning Programme (ELP) : AEZ-422: Commercial Sericulture (0+10) : in 2020-21	-
5.	Experiential Learning Programme (ELP) : AHT-421: Commercial Horticulture (0+10) : in 2020-21	-

- Mention theory and practical batches for the Degree Programme.

For each course:

Theory Batch : 01  
Practical Batch : 02

**6.4.5 Conduct of Practical and Hands-on-Training:**

Practical and hands-on training for all courses in B.Sc. (Hons.) Agriculture are being followed as per course curriculum recommended by ICAR-5<sup>th</sup> Dean Committee. Emphasis is being given for practicals and hands on training for successful knowledge transfer to a growing and diverse student population. Further, to enhance knowledge of farming, students are regularly taken to the field and demonstration plots to develop skills needed for modern farming. To develop crop diagnostics, students are taken to college farms and farmer's field to collect samples and prepare herbarium. Our well furnished laboratories aid in teaching practical aspects different agricultural practices and cutting edge modern science. We are also imparting practical crop production, ELP and RAWE programmes in B.Sc. (Hons.) Agriculture course.

**6.4.6. Supervision of students in PG/PhD Programmes: NA****6.4.7. Feedback of stakeholders (Students, parents, industries, employers, farmers etc.):**

- Mention the feedback mechanism (duly supported by the documents) from different stakeholders of the degree programme.
  - Collection of Students feedback after completion of each semester.
  - Feedback from parents/ guardians of the students.
  - Feedback from potential employers regarding their expectation from students.

- Regular reporting of students' progress to their parents when demanded and collection of feedback from parents.
- Monthly meeting with faculties and other employees to discuss the different issues related to teaching, research, extension and others
- What action the University has taken in last five years to address the issues raised in the feedback?

Action taken by the University to address the issues raised in the feedback:

BAU, Sabour supports the right of students, faculties, and staffs for the successful attainment of working, living, and learning in all of the campuses of university. University has promptly resolved the issues raised by the students. Some of the action taken by the university on the basis of student feedback includes:

1. Starting personality development programme at college.
2. Extension of Library functioning timing from 8 AM till 8 PM to help students
3. Creation of free Wi-Fi and printing facilities at the college.
4. Imparting personality development sessions for students based on potential employers' feedback
5. Providing contingency to the students for purchase of books
6. Book bank for SC/ST students

Students grievance redressal committee has also been constituted to enquire the nature and extent of grievance. Following are the details:

S. No.	Year	Period	Committee Members
1.	2019	2 Years (2019-21)	Hostel Warden (Chairman) O/I, Security (Member) H.S. Boys Hostel (Member) H.S. Girls Hostel (Member) O/I, Academic Cell (Member)

#### 6.4.8. Student intake and attrition in the programme for last five years:

Name of degree programme	Actual student admitted in last five year						Attrition (%)					
	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
B.Sc. (Hons.) Agriculture	55	60	60	60	59	58	25.45	28.33	6.66	18.33	0.59	1.18

#### 6.4.9. ICT Application in Curricula Delivery:


- All the existing class/lecture rooms have been upgraded as smart classrooms, which have interactive boards and are equipped with latest ICT tools for making teaching more interactive and effective.
- Academic Management System has been adopted to enhance the efficiency of the academic management system by saving time and efforts involved in manual processes.
- Development and distribution of e-notes/ e-content to the students
- Enhancing students' access to the scientific literature through CeRA, CD ROM, KrishiKosh and scientific journals-subscription.
- Imparting online classes through video conferencing.

6.4.10. The information pertaining to 6.4.1 to 6.4.9 shall be provided for each one of UG, PG and PhD Degree Programmes, separately, and to be presented College-wise.

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

#### 6.4.12. Certificate (Applicable when SSR is submitted for Programme)

I, the Dean <sup>Assoc.</sup> ..... Dr. Vidya Bhushan Jha ..... hereby certify that the information contained in the Section 6.4.1 to 6.4.9 are furnished as per the records available in the college, and degree awarding university.

  
Assoc. Dean-cum-Principal  
Dr. Kalam Agriculture College  
Kishanganj-855107

Signature of Associate Dean-cum-Principal of the College with Date & Seal

## 6.5. Self Study Report for the Colleges

### 6.5.1. College Administration

#### 6.5.1.1. College Dean's Office Establishment:

At college level, Associate Dean-cum-Principal is an executive officer. The post of Dean has been created at University level for looking after all activities of colleges under Faculty of Agriculture.

College Name: Dr. Kalam Agricultural College

Address: Kishanganj – 855107

Telephone: +91-8210696466

E-Mail: prdkac2015@gmail.com

College: 10<sup>th</sup> August, 2015

Head of faculty: Dr. R. R. Singh

Designation: Dean (Agriculture)

Head of the College: Dr. V. B. Jha

College Designation : Associate Dean-cum-Principal

Data of Selection : 1<sup>st</sup> June, 2019.

Whether Dean's post has been sanctioned by the appropriate authority as per ICAR Model Act/ UGC guidelines- Yes

**Mode of Selection:** Direct Recruitment

**Tenure:** 5 years

**Staff available in the Associate Dean's Secretariat: 04**

S. No.	Name of the Post	No. of the post
1.	P.A./P.S. to Associate Dean-cum-Principal	01*
2.	Asstt. Academic Officer	01*
3.	Assistant Accounts Officer	01*
4.	Assistants	01*
5.	Steno/Computer Operators	01*
6.	Driver	02*
7.	Farm Manager/ T.A.	01
8.	Store Keeper	01*
9.	Assistant Comptroller	01
10.	Jr. Engineer (Electric)	01
11.	Hostel Attendant	01

\*Works are performed by the outsourced staff.

## **Infrastructure facilities:**

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

- **Whether the College is having an internal quality assurance system, with appropriate structure and processes: Yes**

College has an IQAC unit to meet the quality education for the students. Moreover, the Associate Dean-cum-Principal allots 3 - 5 students based on the intake to each teacher, who serve as the advisor of the students throughout their four years programme. The advisors help the students in planning the programme of their study and courses to be offered. Each advisor discuss with his/her advisory and keeps track of student's progress. Advisors also discuss and try to solve advisory's personal problems. Advisor submits the advisory meeting report to Associate Dean-cum-Principal on monthly basis. Associate Dean-cum-Principal review the meeting reports and undertake necessary action.

- **Monitoring of teaching:** CCTV Camera has been installed in all the classrooms and examination hall, which used to be monitored directly by the Associate Dean-cum-Principal. As well as virtual classes, e-presentations of teaching materials is also performed by the teachers. WhatsApp groups of individual batches for immediate communication and monitoring of each batch. Mobile messaging system (SMS) are also performed to the guardians of the students regarding their academic performance.
- **Monitoring of research:** Monitored through a multi disciplinary committee at college level time to time and also monitored by the University level. Associate Dean-cum-Principal monitor the research activities of the all the departments and concerned scientists and report to Associate Dean-cum-Principal. The report of research activities along with issues raised by the scientists are also presented in monthly meeting. Field monitoring team formed at university level also visit college and submit feedback to Director Research. A multilevel research council meeting (RCM) organized twice in a year (*Kharif* and *Rabi* RCM) to monitor the research activities of all the scientists.
- **Monitoring of extension:** The Associate Dean-cum-Principal at college level conduct monthly meeting to monitor extension related activities. Directorate of Extension at university level conduct the Extension council meeting twice in a year to monitor extension related activities. Farmers Advisory System through mobile messaging is also performed by the scientists of the college.

- **Mention the impact of monitoring on the outcome of the College with reference to students' excelling in :**

**Academics:** Monitoring at various stages helps students in knowledge enrichment and teachers in improving their teaching quality. It also helps in sharing the cutting edge technologies to the students. The monitoring also helped students to be more sincere and enhanced interest towards their studies. It also helped teachers to improve their teaching quality by planning lesson, classroom materials and regular assessment of students. The effective monitoring has lead towards impact of students' performances in different entrance examinations conducted at university and national level. In 2019, out of 41 students, 13 students (2 with JRF fellowship) qualified ICAR-JRF examinations moreover, in 2020, 11 students have qualified ICAR-JRF examinations with or without fellowships. The increasing number of students in qualifying PG entrance examination and securing jobs as Agriculture coordinator, Jeevika, PRADAN and other companies' further supports quality teaching and effective monitoring at DKAC, Kishanganj.

- **Research:** Undergraduate students are not directly engaged in research. However, they are exposed to various ongoing research activities carried out at college level during their practical classes. The strict monitoring has helped in increasing punctuality of students in conducting practicals and submitting the practical records in time. At present 16 internally and externally funded projects are running in the college. College has published more than 100 research/ review papers in last five years.
- **Extracurricular activities:** The strict monitoring has increased students presence in college premises, which also had a positive impact on their extracurricular activities. More number of students are actively participating in NSS programme, intra and inter university games, sports, cultural activities and representation in Uni Agri-fest (Annexure III & IV).

#### 6.5.1.3. CC/Board of Studies:

- Wether the CC in the Department level exists: No provision of CC in the university regulation.
- Weather Board of Studies exist at College level: No (Board of Studies exist at University level).
- The composition of the BoS:

S. No.	Name	Designation
1.	Dean Faculty of Agriculture	Chairman
2.	Associate Dean-cum-Principal, BAC, Sabour	Member

3	Associate Dean-cum-Principal, BPSAC, Purnea	Member
4	Associate Dean-cum-Principal, VKSCOA, Dumraon	Member
5	Associate Dean-cum-Principal, MBAC, Agwanpur	Member
6	Associate Dean-cum-Principal, COH, Noorsarai	Member
7	Associate Dean-cum-Principal, DKAC, Kishanganj	Member
8	All Chairman, HoDs	Member
9	One member from each of the department nominated by the Dean, Agriculture	Member
10	Nominated by Dean Agriculture	Member Secretary

- Date of conduct of BoS meetings for last five years and major recommendations made by the BoS should be given in tabular form:

The details of Board of Studies are mentioned below:

<b>Date of conduct of BoS meeting</b>	<b>Major recommendation</b>
19.07.2016 (8 <sup>th</sup> .)	Adoptions of V <sup>th</sup> Deans' Committee Report i) Award of degree B.Sc. (Hons.) Agriculture/ B.Sc.(Hons.) Horticulture from the academic session 2016-17.
28.12.2016 (9 <sup>th</sup> .)	i) Creation of department of Biochemistry and crop physiology at each college of BAU, Sabour. ii) Provision for make-up examination for Mid-Term examination for extraordinary situation.
12.04.2017 (10 <sup>th</sup> .)	Grant of Bihar Govt. stipend to under graduate students enrolled in BAU, Sabour from the Academic session, 2012-13 and onwards.
28.07.2017 (11 <sup>th</sup> .)	i) Formulation of manual for effective and uniform execution of RAWE programme. ii) Formulation of evaluation criteria of RAWE programme and experiential learning programme.
03.05.2018 (12 <sup>th</sup> .)	i) The student put under conduct probation will forfeit his/ her eligibility for the stipend from the date of award of this punishment and will continue so until it is rolled back. However, payment of stipend will restart on date of student is exonerated from conduct Probation. ii) No stipend will be awarded to the students for any special/ condensed semester beyond & normal semesters.
07.08.2018 (13 <sup>th</sup> .)	Formulation of guidelines regarding for keeping the record of examination copies/ answer sheet of students and its mode of disposal.
03.11.2018 (14 <sup>th</sup> .)	Regarding UG contingency grant given by Bihar Govt. Rs. 6000/- per annum should be given to the students in 1 <sup>st</sup> , 3 <sup>rd</sup> and 5 <sup>th</sup> semester of their academic programme.
04.02.2019 (15 <sup>th</sup> .)	Promotion of students having O.G.P.A. less than 5.00/ 10.00 may be considered/ allowed to take admission in subsequent semester till 12 <sup>th</sup> semester with minimum prescribed course load in special case.
18.06.2019 (16 <sup>th</sup> .)	Regarding payment gateway All Assoc. Dean-cum-Principal will open an account under the name of "BAU Sabour student funds" with HDFC Bank at their respective Colleges for collection of fees. Which will later be integrated with the POS machine of main account by the Registrar office and HDFC Bank before the admission in next semester.

07.02.2020 (17 <sup>th</sup> .)	Concession for the ward of Kashmiri Migrants and Kasmiri Pandit/ Kashmiri Hindu Families (non-migrants) living in Kashmir Valley for admission in higher educational Institutions. It was approved to provide 2 additional seats in UG Programme in each college (10 seats in Agriculture and 2 seats in Horticulture) under BAU, Sabour.
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#### 6.5.1.4. Anti Ragging Cell:

- Date of formation of Anti Ragging Cell: 10.08.2019
- Does the College follow the UGC Regulations regulation for establishment of Anti Ragging Cell: **Yes** (Anti ragging Squad and Anti ragging committee were constituted every year).

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

Anti-ragging committee already exists at College. The college follow "UGC regulations on carving the menace of raging in higher educational institutions, 2009".

Details of Anti-ragging committee:

S. No.	Year	Period	Committee Members
1.	2019	1 Year (2019-20)	Dr. Mahesh Kumar, Hostal Warden (Chairman) Dr. S.L. Bairwa, O/I, Security (Member) Dr. Erayya, H.S. Boys Hostel (Member) Dr. Shyama Kumari, H.S. Girls Hostel (Member) Dr. Md. Shamim (Member Secretary)

Till date no complains has been received by the college. However, committee meets once/ twice in a year as per the need.

#### 6.5.1.5. Biological waste disposal facility:

- Whether wastes (chemical, biological, radioactive, universal, and recyclable) are generated by a variety of research, clinical, service, maintenance, and cleaning operations at the College level?: **Yes**

If yes, then mention the disposal mechanism being adopted as per the government guidelines : **Savage treatment plant (STP) plant established in the college campus and waste decompositions pits were also made in the campus for proper waste decomposition. For dry and wet wastes blue and green dustbins are placed at each important premises of the campus like, hostels, class rooms, admin blocks, auditorium, etc.**

#### 6.5.1.6. Institutional Ethics Committee for Experiment on Animals:

- Whether college has institutional Ethics Committee for Experiment on Animals: **Yes.**
- Date of establishment of Institutional Ethics Committee for Experiment on Animals: **10<sup>th</sup> January, 2020**
- Whether the institute/College is following CPCSEA guidelines and constituted an Institutional Animal Ethics Committee (IAEC): **Yes**
- Does the animals house facilities inspected and get their project cleared by CPCSEA and IAEC before commencing them?: **It will be done if we received any project related to animals. However, college has infrastructures for Animal Hospital, Experimental Animal House, Goatary, Cattle house and poultry units.**

#### 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: Yes, College level internal committee for prevention of sexual harassment at work place has been established.
- Mention the constitution of sexual harassment committees: A college level internal complain committee has been formulated as per the sexual harassment of women at workplace (Prevention, Prohibition and Redressal Act, 2013) as below:

Name and Designation	Designation
Dr. Shyama Kumari, Asst. Prof. (Floriculture)	Presiding Officer
Smt. Sunita Kumari, Farm Manager, KVK, Kishanganj	Member
Dr. Farzana Begum, Secretary, RAHAT- Rapid Action for Human Advancement Tradition (NGO), Kishanganj	Member
Dr. S. L. Bairwa, Asst. Prof. (Economics)	Member
Mr. S. Sarkhel, Asst. Prof. (Plant Pathology)	Member

- Mention the date of proceedings conducted in last five years in tabular form: Till date there is no such case has been registered in prevention of sexual harassment of women at work places.

#### 6.5.2. Faculty

##### 6.5.2.1. Faculty Strength:

No. of Sanctioned				In Position			
University Professor	Associate Professor	Assistant Professor	Total	University Professor	Associate Professor	Assistant Professor	Total
05	11	25	41	00	01	20	21

\*\*University has already advertised the recruitment of permanent faculties against the vacant post. The details of advertisement are available at BAU, Sabour website ([https://www.bausabour.ac.in/Bau\\_Job.aspx](https://www.bausabour.ac.in/Bau_Job.aspx)) (Advt. No. 01/2019; dt: 23.12.2019 & Advt. No. 01/2020; dt: 21/01/2020).

### 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:

Name of the Department	Assistant Prof.	Associate Prof./ Sr. Scientist	University Prof.
Agronomy & Agrometeorology	04	00	00
Agricultural Economics	01	00	00
Agricultural Engineering	01	01	00
Agricultural Entomology	01	00	00
Agricultural Extension	01	00	00
Plant Breeding, Genetics & Biotechnology	03	01	00
Plant Pathology	02	00	00
Horticultural	03	00	00
Soil Science	03	00	00
Computer and Mathematical Science	01	00	00
<b>Total</b>	<b>20</b>	<b>02</b>	<b>00</b>

Present profile of faculties are sufficient to meet the academic requirement: Recruitment in process.

### 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? **Yes**
- Give the highest qualification received by each faculty, related work experiences in the field, professional licensure and certifications, honors and awards, continuous documented excellence in teaching, or other demonstrated competencies and achievements that contribute to effective teaching and student learning outcomes.

Sl. No.	Name of the Scientist	Designation	Department/ Discipline	Qualification	Years of Experience	Name of award
1.	Dr. Vidya Bhushan Jha	Assoc. Professor – cum-Sr. Scientist	Plant Breeding and Genetics	PhD	22 Years	--
2.	Er. M.K. Roy	Sr. Scientist & Head	Agricultural Engineering	M. Tech	3 Years	--
3.	Dr. Devendra Prasad Saha	Assistant Professor-cum-Jr. Scientist	Horticulture (Fruit Science)	PhD	13 Years	--
4.	Dr. Shashank Shekhar Solankey	Assistant Professor-cum-Jr. Scientist	Horticulture (Vegetable Science)	PhD	08 Years	Best Teacher Award (2016), Best Researcher Award (2016)
5.	Dr. Dharmendra Kr. Verma	Assistant Professor-cum-Jr. Scientist	Soil Science	PhD	08 Years	Young Scientist Award (2017)

6.	Dr. Jitendra Kumar	Assistant Professor-cum-Jr. Scientist	Agricultural Engineering	PhD	08 Years	Young Scientist Award (2018) Outstanding Achievement Award (2021)
7.	Dr. Bhola Nath Saha	Assistant Professor-cum-Jr. Scientist	Soil Science	PhD	08 Years	--
8.	Dr. Basudev Kole	Assistant Professor-cum-Jr. Scientist	Statistics, mathematics, Computer application	PhD	08 Years	Best Teacher Award (2021)
9.	Mr Subhashish Sarkhail	Assistant Professor-cum-Jr. Scientist	Plant Pathology	M.Sc.	08 Years	--
10.	Dr. Ayon Alipara	Assistant Professor-cum-Jr. Scientist	Agronomy	PhD	08 Years	Excellence in Teaching Award (2017)
11.	Dr. Swaraj Datta	Assistant Professor-cum-Jr. Scientist	Agronomy	PhD	08 Years	--
12.	Dr. Shyama Kumari	Assistant Professor-cum-Jr. Scientist	Horticulture (Floriculture)	PhD	08 Years	--
13.	Dr. Mahesh Kumar	Assistant Professor-cum-Jr. Scientist	Biotechnology	PhD	05 Years	SERB Young Scientist Award in Life Science (2016)
14.	Dr. Md. Shamim	Assistant Professor-cum-Jr. Scientist	Biotechnology	PhD	05 Years	Young Faculty Award (2016)
15.	Dr. Kamlesh Managanvi	Assistant Professor-cum-Jr. Scientist	Entomology	PhD	05 Years	Excellence in Research (Scientist) Award (2017)
16.	Dr. Erayya	Assistant Professor-cum-Jr. Scientist	Plant Pathology	PhD	05 Years	Best Teacher Award (2018)
17.	Dr. Arindam Nag	Assistant Professor-cum-Jr. Scientist	Extension Education	PhD	05 Years	Young faculty in Agriculture award (2017)
18.	Dr. Hari Om	Assistant Professor-cum-Jr. Scientist	Agronomy	PhD	05 Years	Young Scientist Award (2016)
19.	Dr. S. L. Bairwa	Assistant Professor-cum-Jr. Scientist	Economics	PhD	05 Years	Young Scientist Award (2016)
20.	Dr. Heena Parveen	Assistant Professor-cum-Jr. Scientist	Soil Science & Agricultural Chemistry	PhD	01 Month	--
21.	Mr. Ajit Kr. Mondal	Assistant Professor-cum-Jr. Scientist	Agrometeorology	M.Sc.	01 Month	--
22.	Ms. Ayeesha Fatima	Assistant Professor-cum-Jr. Scientist	Agronomy	M.Sc.	01 Month	--
23.	Mrs. Shreya Sen	Assistant Professor-cum-Jr. Scientist	Plant Breeding & Genetics	M.Sc.	01 Month	--

Faculties' profiles are available at:

<https://www.bausabour.ac.in/collegehomepage.aspx?CollegeCode=002>

#### 6.5.2.4. Technical and Supporting Staff:

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

S. No.	Name of the Department	No. of Technical & Supporting staff
1.	Establishment	03*
2.	Farm/ TA	01 (Technical Assistant)
3.	Engineering	01 (Jr. Engineer)
4.	Laboratory staff	02*
<b>Total</b>		<b>07</b>

\*Works are performed by the outsourced staffs.

#### 6.5.3. Learning resources:

##### 6.5.3.1. College Library (digital):

- Location of the library: 3<sup>rd</sup> floor of Admin Block (Lift facility is available)
- Present staff position (in place): 01

S. No.	Additional charge	Number (In place)
1.	O/I, Library	01
2.	Assistant	01*
3.	Peon/ Hostel Attendant	01

\*Work is performed by the outsourced staff.

- **Status of availability of Wi-Fi:** Yes.
- **Whether library has sufficient books and other reading materials:** Yes (2250 Books)
- **Whether library has sufficient periodicals and research journals:** Yes
- **Status of internet with sufficient number of computers for readers:** Yes (Internet with 10 Mbps speed and 10 Computer Systems are available in the e-Library for users)
- **Seating capacity:** 80
- **Does library employing the latest technology in library sciences:** Yes (CERA, e-Books and e-Journals are available in the college library)
- **Stocking arrangements:** Open Access, Classified by DDC and Catalogued by AACR-II.
- **Status of collection of volumes on different subjects:** 550

- Status of latest publications in the fields of relevant subjects: Latest publications are available and maintained in the college library.
- Automation and user services through computer: Automation through KOHA Software and Web-OPAC of the same are available on BAU Website.
- Opening hours of library: 08:00 AM – 06.00 PM (from Monday – Saturday)
- Status of subscription of journals of national and international repute, national dailies, magazines etc.: latest publications of year 2019-20.

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

Name	Number	Space (m <sup>2</sup> )	Specialty to conduct practical/ hands on training.
Laboratories	10	800 m <sup>2</sup> each	Well equipped with modern equipments/ tools/ materials for students and teachers.
Instructional farm	01	Ground Coverage - 595 Total BUA - 1070	Well equipped with modern farm implements to conduct hand on training to students and trainers.
Workshops	01	Ground Coverage - 327.6 m <sup>2</sup> Total BUA - 327.6 m <sup>2</sup>	Tractor, Disk Harrow, Cultivator, Seed Cum Fertilizer Drill, Diesel Pump Set, Happy Seeder, Tractor operated Land leveller, March maker Disk System
Ponds	02	3000 m <sup>2</sup> each	Functional
Animal House	01	G+1	To be functional
Experimental Animal House	01	G	To be functional

**Other Instructional Units:**

Sr. No.	Other instructional units	Area
1.	Practical Crop Production	0.50 ha.
2.	Experiential Learning Programme (ELP) : Seed Production and Technology (0+10): in 2019-20	2.0 Acre
3.	Experiential Learning Programme (ELP) : AHT-422: Floriculture and Landscaping (0+10): in 2019-20	1.5 Acre
4.	Experiential Learning Programme (ELP) : AEZ-422: Commercial Sericulture (0+10) : in 2020-21	-
5.	Experiential Learning Programme (ELP) : AHT-421: Commercial Horticulture (0+10) : in 2020-21	-

### Other Important Infrastructures:

S. No.	Building Name	Nos. of Floor	Ground Coverage (Sqmt)	Total BUA (Sqmt)	Nos. of Block
1.	Seed Processing Plant	G	496	496	1
2.	Godown	G	500	500	1
3.	Agriculture Storage	G	210	210	1
4.	Implementation Shed	G	450	450	1
5.	QC Lab	G+1	818	818	1
6.	CA Storage	G	207	207	1
7.	Horticulture Farm Office	G+1	595	1070	1
8.	Implement Shed	G	200	200	1
9.	Bottling Plant	G+1	1540	2020	1
10.	Leaf & Soil Testing Lab	G+1	415	415	1
11.	Sericulture Farm Office	G	595	595	1
12.	Agriculture Farm Office	G+1	595	1070	1
13.	Fruit & Vegetable Ground	G	500	500	1

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

- Date of implementation of Student READY/In-plant training/ Internship: **01-07-2018**  
Mention the Profit sharing mechanism (amount) shall be mentioned for each ELP unit: ELP is under the University funding program where full cost is being beared by the University itself.

- Mention the Profit sharing mechanism (amount) shall be mentioned for each ELP unit: 50% of the profit is being shared with the students as per the ICAR guidelines.

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

- Whether the College is using smart class rooms/interactive board etc. for teaching and practicals: **Yes**
- Number of class rooms upgraded as smart class rooms: **03 (Three)**.  
All class rooms have been upgraded as Smart Class Rooms which have interactive boards, smart podiums and are equipped with latest ICT tools for making teaching more interactive and advanced.

#### 6.5.4. Student Development:

##### 6.5.4.1. Student Intake and Attrition:

Name of degree programme	Actual student admitted in last five year						Attrition (%)					
	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
B.Sc. (Hons.) Agriculture	55	60	60	60	59	60	25.45	28.33	6.66	18.33	0.59	1.18

#### 6.5.4.2. Number of Students in Theory and Practical Classes:

S. No.	Name of the Degree Programme	Batch of students in theory class	Batch of students in practical class
1.	B.Sc. (Hons.) Ag.	01	02

#### 6.5.4.3. Admission Process:

Admission in Under Graduate (UG) programme is made through the state level competitive entrance examination conducted by BCECE Board, Patna. Eighty five percent of the total seats are filled up through BCECE, Patna from the students having domicile of Bihar, however, rest 15% of the seats are filled through All India Competitive Test conducted by ICAR, New Delhi. The minimum and maximum age limit for the admission is in accordance with the rule of BCECE/ICAR. The minimum qualification required for admission in B.Sc. (Hons.) Agriculture Degree Programme is 10+2 or Intermediate with Physics, Chemistry, Mathematics, Biology or Physics, Chemistry, Biology or Physics, Chemistry, Mathematics or Agriculture as per BCECE/ICAR norms revised from time to time. The total intake capacity of Bihar Agricultural College for B.Sc. (Hons.) Agriculture is 60. Two additional seats for the candidates of J&K state on merit basis through ICAR Entrance admitted at BAC, Sabour).

The Dean/Associate Dean-cum-Principal of the college constitutes a committee of three senior teachers for verification of original certificates/photograph and signature of the student in order to ascertain the genuineness of the candidature of the candidate and after being satisfied, the committee recommends to the Dean/Associate Dean-cum-Principal for admitting the particular candidate on prescribed verification slip. On recommendation of the above committee and on being satisfied regarding the genuineness of candidature of the candidate for admission, the Deans/Associate Dean cum-Principal of the colleges passes order for admission on payment of prescribed fee. The Fee is accepted through POS machines only. The university has its Academic Management System for maintenance of all academic activities. The student registers themselves and their courses online on this AMS portal. All the courses offered throughout the degree programme are entered in the system and it reflects to the students in the particular semester. The entire Academic Calendar duly approved by the Academic Council of the University for a particular academic session/year is published by the Office of Registrar before the start of Monsoon Semester every year. The Academic calendar includes the important date like admission, registration, mid-term,

practical and end term examinations, last date for the submission of internal grades, and start and end of semester break.

#### 6.5.4.4. Conduct of Practical and Hands on Training:

College has 10 functional laboratories and PCP/ Experiential learning plots for experiments by UG students. For horticultural practical works we have fruit plants orchards and ornamental landscapes/ gardens. As the subject agriculture is an entrepreneurial, the students studies in four years course curriculum are trained not only in their laboratory practical classes but also with exposure and attachment with farmers' for hands on training on indigenous as well as modern agricultural practices. Students are also involved in preparing soil health cards based on their engagement in soil testing laboratory. Moreover, through one semester RAWE/ Students READY programme the hands on training are being developed among the students.

Practical and hands-on training for all courses in B.Sc. (Hons.) Agriculture program are being followed as per the curriculum. Following are the details:

Sl. No.	Departments	Name of practical and hand-on-training
1.	Agronomy	Practical crop production, all agronomic field practices by selecting different crops each in <i>Kharif</i> and <i>Rabi</i> , raised the crop from seed to seed for practical learning.
2.	Agricultural Economics	Study of market linkage, Cost benefit analysis of crop production, Farm management practices and its economics, Socio-economic study of farmers, Agricultural credits, loan, banking etc.
3.	Agricultural Engineering	Identification of different farm equipment, implements, its different parts, driving farm vehicles, surveying and levelling, assignment and presentation.
4.	Agricultural Entomology	Identification and microscopic studies of insects and their different parts, collection and submission, skill oriented practical on honey bee, identification of different insect infestation symptom of different crop.
5.	Agricultural Extension	Poster, Banner, chart preparation and presentation, conduction of PRA in village, exposure visit, assignment and presentation.
6.	Horticulture	Identification of flowers, fruits, vegetables, medicinal and aromatic plant, spices condiments; garden tools and implements, landscaping, practice of budding and grafting, preparation of post-harvest products development like jam jelly etc, skill oriented trainings in pineapple and tea production, processing, value addition and marketing, assignment and presentation.
7.	Plant Breeding & Genetics Plant Biotechnology	Emasculation and pollination in different crops, hybridization study in different crop, Microscopic studies, Botany of flower & inflorescence, practical learning in tissue culture plant, different culture medium preparation

8.	Plant Pathology	Microscopic studies and isolation of different plant pathogens and soil borne pathogens, identification of different disease symptom of different crop, assignment and presentation.
9.	Soil Science	Soil profile study, soil sampling, soil-water-plant analysis in laboratory, identification of different nutrient deficiency and toxicity symptoms of different crop, Microscopic studies of agriculturally important microorganisms, assignment and presentation.
10.	Statistics, mathematics, Computer application	Computer training, online book and journal searching, training on PowerPoint presentation and report writing, online database access, Statistical data analysis tools learning.

#### 6.5.4.5. Examination and Evaluation Process:

The examination and evaluation process are conducted strictly based on the guidelines outlined in 5<sup>th</sup> Dean's committee recommendations. The internal and external examinations are conducted in 50:50 ratio and the weightage of theory and practical is in the ratio of 60: 40 respectively, in internal examinations. The external examination is conducted by the External Examination and Evaluation Cell of the university. The duration of examination is of 1 hr, 2 hrs and 3 hrs for mid-term, final-term and practical examinations, respectively. The pattern and distribution of marks for internal theory as well as practical are as follows:

(a) For courses having Theory and Practical both: Mid Term (Descriptive, Objective/ short question)-30; Assignment-05; Practical-15

(b) For the course with Theory only (i.e. without practical): Mid Term (Descriptive, Objective/ short question)-40 Assignment-10

(c) For the courses with Practical only: Mid Term- 40; Assignment-10; Lab, Practical, Viva Voce and Practical Record-50

The practical examination is conducted by the course instructor(s).

The External Examination is of 50 marks. Students have to secure at least 15 marks to pass the subject. The External Examination and Evaluation Cell maintains a panel of teachers of different disciplines duly approved by the Vice Chancellor, BAU, Sabour eligible to be appointed as External Examiners for different subjects and the examiners are appointed by the Officer I/C of the External Examination and Evaluation Cell. The question papers of different courses are obtained from outside of university from the expert of the concerned subject, two sets along with its answer key of objective type questions. Out of the two sets of question paper, one set of question paper will be selected, moderated, and used for conducting examination. The evaluation of the answer sheets is being carried of it at centralized place as decided by the University and the O/I, External Examination and Evaluation Cell.

The pass marks of both internal and external examinations for individual paper (theory and/ or practical) is 50% of the total marks allotted to the subject with the condition that the student must secure 15 marks out of 50 in External Examination of each paper. However, a student must secure a minimum OGPA of 5.00 which is equivalent to 50% of the marks in aggregate to obtain the degree of B.Sc. (Hons) Agriculture.

Name of the Degree Programme	Weightage of internal evaluation	Weightage of external evaluation	Remarks
B.Sc. (Hons.) Ag.	50%	50%	Examination is being conducted based on the guidelines outlined in 5 <sup>th</sup> Dean's committee recommendations.

#### 6.5.4.6. NCC/NSS/RVC Units:

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

**Name of College:** Dr. Kalam Agricultural College, Kishanganj

**(i) Status of NCC:** Under process

**(ii) Moto of NSS:** NOT ME BUT YOU

**Name of NSS Units:** NSS Unit, DKAC, Kishanganj

#### **Brief Overview of the NSS Unit programmes:**

1. NSS aims to orient the youth student to the community service along with their study. This is a compulsory non credit course. It also aims to induce social consciousness among students through various activities viz., constructive and creative social work, working together, to be independent leadership, develop skill in programme development, filling gap between educated and uneducated, increasing awareness and desire to help sections of society.
2. Different activities and awareness programmes namely, Understanding youth, Community mobilization, Social harmony and national integration, Volunteerism and shramdan, Citizenship, constitution and human rights, Family and society, Importance and role of youth leadership, Life competencies, Youth development programmes, Health, hygiene and sanitation, Youth health, lifestyle, HIV AIDS and first aid, Youth and yoga, Vocational skill development, Issues related environment, Disaster management, Entrepreneurship development, Formulation of production oriented project, Documentation and data reporting, Resource mobilization, Additional life skills, Activities directed by the Central and State Government etc. are performed under the aegis of NSS course (Annexure IV).

3. Two Blood donation camps are being organized by the volunteers. This year (2018-19) 52 + 26 units of blood was donated by the participants and was submitted to Blood Bank, Sadar Hospital, Kishanganj.
4. NSS volunteers are observing Communal Harmony Campaign Week and Flag Day, Every Year. Under this campaign NSS volunteers collect the fund through donation and spreading awareness about Communal Harmony. The raised funds are being sent to the organisation "National Foundation for Communal Harmony-An autonomous organization under Ministry of Home Affairs, Govt. of India".
5. NSS volunteers are also performing their active duties for various programmes of the University/College such as Kisan Mela, Convocation Day, Republic day, Independence Day etc.

#### **6.5.4.7. Language Laboratory:**

We engaged a part time English Teacher to guide students for obtaining good command of language for communication purposes. Apart from it various personality development and communication training and workshops are organised on a regular basis by the designated teachers of college to give better exposure and training to students. Students are involved in various activities of college/university such as Kisan mela, seminars, conferences, video and audio shootings of various activities of teaching, research & extension so that they can acquire more proficiency in their language. Every year debate, elocution, quiz and other literary activities are conducted to build up proficiency and confidence among the students. The ARIS cell, Auditorium, Conference Hall and Training Hall have good video conferencing facilities which helps in arranging talks by experts from various institutes/ organisations/ sectors to interact and guide our students to compete at national level.

#### **6.5.4.8. Cultural Centre:**

- Does the college has cultural center to empower student leaders to explore, celebrate, and educate the campus community about the diversity among them? : **Yes**
- 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?: College has well furnished and equipped Auditorium with audio-video aids. The different cultural activities are being performed by students time to time to develop cultural environment in the college and overall development of the students (Annexure- III).

#### 6.5.4.9. Personality Development:

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? Yes

There is a course of 'Comprehensive and communication skills in English (AEE-112). There are so many events such as elocution, debate, group discussion, painting etc in NSS programme. As well as to promote the personality development in the students for increasing employability of the students, some special sessions on personality development has been organized by the college.

#### Activities/programmes organized for improvement of student's soft skills:

Sl. No.	Name and Designation of Lecturer	Title of the Talk/ Lecture and date	No. of participants
1.	Dr. Vikash Kumar, M.S., Maulana Azad Medical College, Delhi University on 20.07.2019.	"Enhancing Memory" talk on 20.07.2019	Approx 150 Students and staffs of DKAC and COF Kishanganj
2.	Dr. Raman Kumar Trivedi, Director Students Welfare, BASU, Patna. on 06.08.2019	Role of students and youth in nation building" on 06.08.2019	Approx 150 Students and staffs of DKAC and COF Kishanganj
3.	Sri. Himanshu Sharma, District Magistrate, Kishanganj on 02.12.2019.	Motivational Talk on 02.12.2019	Approx 250 Students and staffs of DKAC and COF Kishanganj
4.	Sri. Kumar Ashish, Superintendent of Police, Kishanganj on 02.12.2019.	Motivational Talk on 02.12.2019	Approx 200 Students and staffs of DKAC and COF Kishanganj
5.	Lectures delivered by many national level motivation speakers-cum-personality developer.	SC-SP programme on personality development on 7-9 <sup>th</sup> February, 2020	Approx 300 Students and staffs of different colleges of BAU, Sabour.

Assoc. Dean-Principal  
Dr. Kalam Agriculture College  
Kishanganj-855107

### 6.5.5. Physical facilities:

#### 6.5.5.1. Hostels:

Hostel	Number	Total Capacity	Students per room accommodated
Boys hostel	01	270	03
Girls hostel	01	180	03

Hostel	Mess facility	Drinking water	Indoor games	Does cleaning of hostel premises occurs regularly	CCTV Camera
Boys hostel	Yes	Yes	Yes	Yes	Yes
Girls hostel	Yes	Yes	Yes	Yes	Yes

- Availability of transport facility: Yes (2 Bolero and 1 Bus).
- State the emergency medical facility for students: Sadar Hospital, Kishanganj and MGM, Kishanganj have linked with college for medical emergency.

#### 6.5.5.2. Examination hall:

- Availability of number of examination halls: 01
- Capacity of examination halls: 250 (seating capacity)
- Other: CCTV Camera has been installed in examination hall to monitor the examination

#### 6.5.5.3. Sports and Recreation Facilities:

- Number of indoor sports facilities available: 01 (Indoor Sports Complex)
- Number of outdoor sports facilities available: 02 (Foot ball & Volley ball ground)
- Write a brief note on day to day management and use of these facilities:

The College has a well functional Sport Cell with a designated Officer In-charge, Games & Sports to look after and provide all the basic sports needs and facilities to the students as per the provision of the university. Students regularly practice different events/games using the existing facilities and independent care taker has been deputed to look after the day to day need and requirement of these facilities.

Student group of different games exists and two student (one boy and one girl) from each group have been given the responsibility for smooth conduct of day to day events under the overall supervision of games and sports in-charge.

S. No.	University/ College Name	Facility	Description	Remarks
	Dr. Kalam Agricultural College, Kishanganj	Cricket	Kits (Bat, ball, wicket stick, pad, gloves, helmet, Thai pad, anklets etc. ) required for a team at college level	Play ground is regularly maintained and used by students and faculty.
		Volley Ball	Net, Ball etc.	
		Foot Ball	Net, Ball and other accessories	
		Athletics	Shot put, Disc throw, Jawlines throw, Trade mill etc.	
		Badminton	Racket, Shuttle, Net, Stand.	Indoor games are regularly practiced by students and faculty in the Indoor Sports Complex.
		Carom Board	Board, Stand	
		Chess	Board	
		Table Tennis	Stand, Racket, Board, etc.	

#### 6.5.5.4. Auditorium:

- Does the college has auditorium? Yes
- Year of construction of auditorium: 2016
- Sitting capacity: 500
- How frequently being used for the College functions: Monthly

#### 6.5.5.5. Exhibition Hall/ Museum:

- Does the college have the Exhibition Hall/ Museum? Yes
- Mention about its use and special events being conducted in these units: College has a Museum cum Exhibition Hall in the Admin Block of the campus. Students, farmers, scientists, eminent personalities and visitors are regularly visiting the unit to enhance their knowledge and know how.

**6.5.6. Research Facilities:** Yes (College has 10 laboratories and research farm for conducting of different experiments).

**6.5.6.1. Postgraduate Laboratories and Equipments:** NA (College has 10 functional and well equipped U.G. laboratories).

#### 6.5.6.2. Research Contingency:

- A note on amount of research contingency for each department shall be provided: NA
- Whether it meets the students' demand?: NA (at present only UG students are studying).

### 6.5.7. Outcome/Output

#### 6.5.7.1. Student Performance in National Examinations:

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

Examinations	No. of students qualified	Year
JRF with fellowship	02	2019
JRF without Fellowship	11	2019
Other national examination	25	2019
JRF without Fellowship	11	2020
Other national examination	27	2020

\* First batch of B.Sc. (Hons.) Agriculture passed out during 2019.

#### 6.5.7.2. Students Placement Profile:

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

Majority of our students qualified in M.Sc. (Ag.) entrance examination in different discipline of agriculture. Our students also absorbed in government as well as private jobs. College placement cell is in continuous touch with the central placement cell of the University. Students seeking placement have been grouped and regular updates of different placement scheme is being informed to all concern students.

#### • Placement cell achievements

Sl. No.	Year	Name	Roll No.	Gender (M/F)	Domicile	Category	Name of Company/organization
1.	2019	Mr. Vijeta Kumar	DKAC/18 /2015-16	M	Bihar	SC	JEEVIKA
2.	2019	Mr. Digamber Choudhary	DKAC/28 /2015-16	M	Bihar	GEN	JEEVIKA
3.	2021	Mr. Subodh Kumar Pandit	DKAC/29 /2015-16	M	Bihar	GEN	PRADAN NGO

### 6.5.7.3. Awards/Recognitions/Certificates:

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

	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
<b>Faculty</b>						
Awards/recognitions/certificates	--	11	09	07	03	04
<b>Students:</b>						
Awards/recognitions/certificates	--	03	04	04	12	04

### 6.5.7.4. Employability:

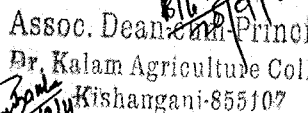
Agriculture, in all its diversity, is the predominant form of entrepreneur among all other sectors. Besides the employment opportunity of agricultural graduates in banking, research services, they may also engaged in corporate services like fertilizers and chemicals industries, Seed industries, Farm mechanisation and irrigation sectors.

College had a fixed advisory system at every 3-5 students by an advisor (Scientist/Teacher). As well as there is a separate Placement Cell and during 2019-21 three students has already been selected. Most of the students are interested for higher education that results 13 students had qualified ICAR-JRF examinations out of 41. Many of the students of first batch (2015-16) are studying in M.Sc. (Ag.) programmes. We are also developing the skills among students on various topics *i.e.*, Mushroom production, Seed production, Floriculture and Landscaping, Soil micro and macro nutrients testing, *etc.* College also provide mock interviews, mock tests, etc to the students to get better and assure employment opportunities. Moreover, eminent personalities deliver their talks to inspire and encourage the students.

**6.5.8. SSR of the College must have the SSR of all its Degree Programmes (following section 6.4), then the report of the Colleges shall be considered. 6.5.9.**

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

I, the <sup>Assoc.</sup> Dean Dr. Vidya Bhushan Jha, hereby certify that the information contained in Sections 6.4 and Section 6.5.1 to 6.5.7.4 are furnished as per the records available in the college and degree awarding university.

  
Assoc. Dean and Principal  
Dr. Kalam Agriculture College  
Kishanganji-855107

Signature of Dean of the college with Date & Seal

**RESEARCH PROJECTS**

• **Externally Funded Project**

Sl. No.	Title of The project and year	Name of the P.I./Co-P.I.	Sanction Year	Duration	Budget (Rs. in Lakhs)
01.	“Molecular identification and characterization of <i>Cucumber mosaic virus</i> infecting vegetable crops” and 2016. <b>SERB/YSS/2015/000917, DST Project</b>	Dr. Mahesh Kumar	2016	3 year	32.40
02	Gamma rays induced sterility in fruit fly <i>B. Zonata</i> for the development of micro SIT in Mango. <b>BRNS-DAE</b>	Dr. Kalmesh M Co-PI	2015	3 years	25.62 Lac Completed in 2019

• **RKVY RAFTAR PROJECTS**

Sl. No.	Title of The project	Name of the P.I.	Sanction Year	Duration	Budget (Rs. in Lakhs)
01.	Establishment in strengthening of tissue culture laboratory for production of tissue cultured plantlets of pineapple for the farmers of Bihar.	Dr. Md. Shamim	2019	3 years	180.00
02	Site specific crop pest and disease diagnostics and their management using unmanned aerial vehicle and artificial intelligence.	Dr. Kalmesh M.	2019	3 years	123.00
03	Building educational and scientific environment for strengthening of Advance centre on sericulture, DKAC, Kishanganj	Dr. Kalmesh M.	2021	2 years	412.38

• **State Non plan projects**

Sl. No.	Title of The project	Name of the P.I.	Sanction year	Duration (In Years)	Budget (Rs. in Lakhs)
01	“Iron and zinc biofortification of popularly grown rice/ wheat cultivars intensively cultivated in Bihar” (SNP/NRM/Kharif/2018-8)	Dr. B.N. Saha	2018	3	4.50
02	“Identification and evaluation of potential <i>Trichoderma</i> spp. against major soil-borne fungi” (SNP/CP./Kharif/2018-3)	Dr. Erayya	2018	3	6.0

03	Development and Feasibility Assessment of Mobile Based Agri Retailing (MBAR) Model for the Agricultural Input and Output in Kishanganj district of Bihar. (SNP/SS/Kharif/2018-2)	Dr. Shoji Lal Bairwa	2018	2	1.50
04	“Sustainability of different germ plasm of pineapple ( <i>Ananas comosus</i> ) in new edaphic condition” (SNP/CI/Kharif/2018-5).	Dr. D.P. Saha	2018	3	3.50
05	Study on occurrence of important insect pests and diseases of Mulberry in zone II of Bihar (SNP/CP/Kh/2019-4)	Dr. Kalmesh Managanvi	2019	3	3.00
06	“Reasons and effect of migration on farm household level in Seemanchal area of Bihar” (SNP/SS/Rabi/2019-04)	Dr. Arindam Nag	2019	2	2.00
07	“Screening of rice genotypes for their suitability under boro season” (SNP/CI/Kh/2019-13)	Dr. Md. Shamim	2019	3	4.00
08	Identification and Molecular characterization of major viruses infecting tomato and chilli from koshi region of Bihar. SNP/CI/Rabi/2019-3	Dr. Mahesh Kumar	2019	3	5.50
09	Standardization of cultivation techniques for summer Marigold ( <i>Tagetes erecta</i> Linn) SNP/NRM/Rabi/2019-24	Dr Shyama Kumari	2019	3	4.00
10	Effect of crop establishment and potassium management in boro rice SNP/NRM/Rabi/2019-5	Dr. Hari Om	2019	3	2.00
11	Prevalence of foliar blight disease of wheat in india	Mr. Subhashish Sarkhel	2019	3	5.00
12	Network project on fall army worm in bihar (SNP/CP/Rabi/2019-16)	Dr. Kalmesh Managanvi	2019	3	14.25

Annexure-II

**EXTENSION ACTIVITIES**

SI No	Year	Name of Programme	Total no	Number of participants
01.	2016	Kisan chaupal and MGMG programme	10	140
02.		Jai Jawan Jai Kishan	1	32
03.		Vittiya Saksharata Abhiyan	1	21
04.	2017	Kisan chaupal and MGMG programme	7	84
05.		Awareness campaign for not burning crop residues	1	23
06.	2018	Kisan chaupal and MGMG programme	6	88
07.		Gardener Training under BSDM	1	30
08.	2019	Workshop on Entrepreneurship sensitization	1	148
09.		TSP Workshop	1	61
10.		Kisan chaupal and MGMG programme	2	66
11.		Pesticide & Fertilizer Applicator under BSDM	1	30
12.	2020	Kisan chaupal and MGMG programme	2	19
13.		Gardener Training under BSDM	1	30
14.		ICAR SC-SP Student Training Programme	1	40
16.		BAMETI Sponsored Training Programme	2	60
17.	2021	TSP component of ICAR seed project	4	148

**CULTURAL ACTIVITIES**

SI No	Year	Name of Programme	Number of participants
01.	2016	Yoga day	23
02.		Agriculture Education Day	62
03.		Swachhata Pakhwada	48
04.		Agricultural education day	34
05.	2017	Yoga Day	12
06.		Agricultural education day	77
07.	2020	Mahila Kisan Diwas	47
08.		World Day Against Child Labour	55
09.		World Environment Day	74
10.		International Yoga Day	26
11.		Bihar Earth Day	17
12.		Parthenium Awareness Week	25
13.		Dr. Sarvepalli Radhakrishan Jayanti	16
14.		Hindi Diwas	15
16.		Celebration of Gandhi Jaynti	13
17.		Dr. A. P. J. Abdul Kalam Jayanti	20
18.		Agricultural Education Day	15
19.		2021	Jal Jivan Hariyali Diwas
20.	Dr. B. R. Ambedkar Jayanti		12

Dr. Kalam Agricultural College, Kishanganj

Revised Time Table B.Sc. (Ag.), 1<sup>st</sup> Semester

(1)

Day	10.00-11.00	11.00-12.00	12.00-1.00	1.00-2.30	2.30-3.30	3.30 - 5.00
Monday	APP-101	AAG - 102 (A) APG- 101 (B)			ASS - 101	ENG - 101
Tuesday	BMT-101/BBP-101	ASS-101(A) APP-101(B)			APG-101	BLG - 101
Wednesday	APP-101	BMT-102	APG-101		AAG - 101	ENG - 101
Thursday	AAG-102	APG-101(A) AAG-102(B)			BBP-101(A) AEZ-101(B)	
Friday	BMT-101/BBP-101	BMT-102	ASS-101		APP-101(A ) ASS-101(B)	
Saturday	APP-101	BMT-101/AEZ-101	AAG-102		Advisory Meeting	Games & Sports

Venue: Lecture Hall

No. 38 /DKAC, Kishanganj

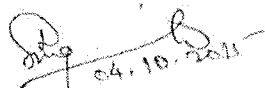
Dated: 04.10.2015

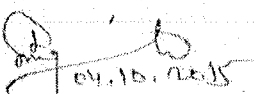
Copy forwarded to all Scientists / Hostels / Notice board for information and necessary action.

Memo No. 38 /DKAC, Kishanganj ,

Copy to Dean Agriculture Registrar/ DSW Bihar Agricultural university, Sabour (Bhagalpur) for

Information and need.

  
04.10.2015  
Associate Dean-cum-Principal  
Dated: 4/10/15

  
04.10.2015  
Associate Dean-cum-Principal

**DR. KALAM AGRICULTURAL COLLEGE, KISHANGANJ**  
Class Routine (As per Master Time Table) of B.Sc. (Ag.) 2<sup>nd</sup> Semester, 2016

⑥  
⑦

Days	10:00 AM- 11:00 AM	11:00 AM- 12:00 Noon	12:00 Noon- 01:00 PM	LUNCH BREAK	02:30 PM-03:30 PM	03:30 PM-05:00 PM
Monday	AEE-101 (Practical)		AAG-103		BCS-104 (Practical)	
Tuesday	APG-102	BCS-104	BMB/ASS-103		APG-102(Practical)	
Wednesday	AEE-101	AAG-103	BAS-103		ANM-101 (Practical)	
Thursday	BMB-103/ASS-103		BAS-103 (Practical)		AAG-103(Practical)	
Friday	ANM-101	AAE-101	AAE-101		BMB-103/ASS-103(Practical)	
Saturday	APG-102 (Practical)		Advisory Meeting		Games & Sports/ Extra-curricular activity	

Sl. No.	Course No.	Course Title	Credit Hrs.	Instructor(s)
1.	ANM - 101	Introductory Nematology	2 (1+1)	Dr. Kalmesh M. & Dr. Erayya
2.	BAS - 103	Statistics	2 (1+1)	Mr. Rakesh Paswan & Dr. Hari Om
3.	AAG - 103	Water Management including Micro Irrigation	3 (2+1)	Mr. Ayon Alipatra, Dr. Hari Om & Dr. D.K. Verma
4.	AAE - 101	Principles of Agricultural Economics	2 (2+0)	Dr. Soji Lal Bairwa & Dr. Arihandam Nag
5.	AEE - 101	Dimensions of Agricultural Extension	2 (1+1)	Dr. Arihandam Nag & Dr. Soji Lal Bairwa
6.	BMB - 103/ASS-103	Agricultural Microbiology	3 (2+1)	Dr. D.K. Verma, Dr. B.N. Saha & Dr. Mahesh Kumar
7.	BCS - 104	Introduction to Computer Application	2 (1+1)	Mr. Rakesh Paswan & Dr. Kalmesh M.
8.	APG - 102	Principles of Plant Breeding	3 (2+1)	Dr. Mahesh Kumar & Dr. Md. Shamim
9.	Games & Sports	Games and Sports	1 (0+1) NC	Dr. Sanjeev Kumar
		<b>Total</b>	<b>20 (12+8)</b>	

Note: The time table has been formulated as per Master Time Table with minor changes in the interest of the college.  
Venue: Lecture Hall

*[Signature]*  
01.02.2016  
Assoc. Dean -cum-Principal  
D.K.A.C., Kishanganj  
Dated: 01/02/2016

Letter No. 61A/DKAC, Kishanganj

Copy forwarded to concern Course Instructors/ Officer-in-charge, Student's Cell /Academic Cell / Notice board of College/ Boy's Hostel/ Girl's Hostel of DKAC, Kishanganj for kind information and need full.

Memo No. 61A/DKAC, Kishanganj

Dated: 01/02/2016

Copy to Dean Agriculture/ Registrar/ DSW, Bihar Agricultural University, Sabour, Bhagalpur for kind information and need full.

*[Signature]*  
01.02.2016  
Assoc. Dean -cum-Principal  
D.K.A.C., Kishanganj  
*[Signature]*  
01/02/16

CC: Personal Secretary to Vice Chancellor for kind information of Hon'ble Vice Chancellor.

**DR. KALAM AGRICULTURAL COLLEGE, KISHANGANJ**  
Revised Class Routinay of B.Sc. (Ag.) 4<sup>th</sup> Semester, 2017

Days	10:00 AM - 11:00 AM	11:00 AM - 12:00 AM	12:00 AM - 01:00 PM		LUNCH BREAK	02:00 PM-04:00 PM		04:00 PM-05:00 PM	
			AEN-203 (P)	ASS-202		AEZ-202 (P)	APG-301 (P)	ASS-202 (P)	AHT-202 (P)
Monday	APP-201	AHT-202	AEN-203 (P)	ASS-202		AEZ-202 (P)	APG-301 (P)	ASS-202 (P)	AHT-202 (P)
Tuesday	AEZ-202		AAE-202 (P)			APP-201 (P)		AEN-202	
Wednesday	APP-201		AEN-202 (P)			AAG-203 (P)		Games & Sports	
Thursday	AAG-203			AAE-202					
Friday	APG-301	AHT-202		Advisory Meeting					
Saturday	APG-301	AEN-203							

Sl. No.	Course No.	Course Title	Credit Hrs.	Instructor(s)
1.	AAG-203	Field Crops II ( <i>Buzib</i> )	3 (2+1)	Dr. Hari Om & Dr. Sanjeev Kumar
2.	ASS-202	Manures, Fertilizers and Agrochemicals	3 (2+1)	Dr. Bholanath Saha, Dr. Hari Om & Dr. Kalnesh M.
3.	AEZ-202	Insect Ecology & Integrated Pest Management including beneficial Insects	3 (2+1)	Dr. Kalnesh M. & Dr. Ervya
4.	AAE-202	Agricultural Marketing, Trade and Prices	2 (1+1)	Dr. Shaji Lal Bairwa, Dr. Arundam Nay & Mr. Rakesh Paswan
5.	AEN-202	Protected cultivation and Post Harvest Technology	2 (1+1)	Teacher not available
6.	APP-201	Diseases of Field Crops and their Management	3 (2+1)	Dr. Sanjeev Kumar & Dr. Ervya
7.	AHT-202	Production Technology of Spices, Aromatics, Medicinal and Plantation Crops	3 (2+1)	Dr. S. S. Solanky & Dr. Sanjeev Kumar
8.	APG-301	Principles of Plant Biotechnology	3 (2+1)	Dr. Manish Kumar & Dr. Mt. Shamin
9.	AEN-203	Fundamental of soil, water and conservation Engineering	NC	Teacher not available
10.	Games & Sports	Games & Sports	NC	Dr. Sanjeev Kumar

Note: The time table has been formulated as per Master Time Table with minor changes in the interest of the college.

-Sd-  
Assoc. Dean-cum-Principal  
D.K.A.C. Kishanganj

Dated: 06/01/2017


Letter No. 06/DKAC, Kishanganj

Copy forwarded to concern Course Instructors/ Officer-in-charge, Student's Cell / Academic Cell / Notice board of College/ Boy's Hostel/ Girl's Hostel of DKAC, Kishanganj for kind information and need full.

Memo No. 06/DKAC, Kishanganj

Copy to Dean Agriculture/ Registrar/ DSW, Bihar Agricultural University, Sabour, Bhagalpur for kind information and need full.

Dated: 06/01/2017

  
 Assoc. Dean-cum-Principal  
 D.K.A.C. Kishanganj

**DR. KALAM AGRICULTURAL COLLEGE, KISHANGANJ**  
 Class Routine (As per Master Time Table) of B.Sc. (Ag.) 5<sup>th</sup> Semester, 2017(w.e.f 27.07.2017)

REVISED

Days	07:00 AM- 09:00 AM	10:00 AM- 11:00AM	11:00AM- 12:00AM	12:00AM- 01:00PM	LUNCH BREAK	02:00PM - 03:00 PM	03:00PM - 05:00 PM
Monday	AAG-302(P)	APP-301(T)	AEE-301(T)	APG-301(T)	LUNCH BREAK	AHT-302(T)	AEZ-301(P)
Tuesday	AAG-301(T)	AAG-301(T)	ASS-301(P)			AEZ-301(T)	AHT-301(P)
Wednesday	AAG-302(P)	AAE-301(T)	AEE-301(T)	AHT-302(T)		BBP-201(T)	AAG-301(P)
Thursday	AHT-302(P)	AHT-301(T)	AEZ-301(T)	APG-301(T)		BBP-201(T)	BBP-201(P)
Friday	AAG-302(P)	APP-301(T)	AAE-301(P)			ASS-301(T)	APG-301(P)
Saturday		APP-301(P)				Games and Sports	NSS

24

Sl. No.	Course No.	Course Title	Credit Hrs.	Instructor(s)
1.	AAG-301	Farming Systems and Sustainable Agriculture	2 (1+1)	Dr. Hari Om
2.	AEZ-301	Crop Pests and Stored Grain Pests and their Management	3 (2+1)	Dr. Kamesh M.
3.	AAE-301	Production Economics & Farm Management	2 (1+1)	Dr. Shri Lal Bairwa
4.	AAG-302	Practical Crop Production ( <i>Khari</i> )	3 (0+3)	Dr. Hari Om
5.	AEE-302	Fundamentals of Rural Sociology and Educational Psychology	2 (2+0)	Dr. Arindam Nag
6.	AHT-301	Post Harvest management and value addition of Fruits and Vegetables	2 (1+1)	Dr. D.P. Saha
7.	APP-301	Disease of Horticultural Crops and their Management	5 (2+1)	Dr. Sanjeev Kumar & Dr. Erayya
8.	AHT-302	Production Technology of Fruit Crops	3 (2+1)	Dr. V.B. Jha & Dr. S.S. Solankey
9.	APG-301	Breeding of Field / Horticultural Crops	3 (2+1)	Faculty from the BAC, Sabour
10.	ASS-301	Introductory to Nanotechnology	2 (1+1)	Dr. Nintu Mondal & Dr. B.N. Saha
11.	BBP-201(R)	Crop Physiology	3 (2+1)	Dr. Mahesh Kumar & Dr. Md. Shamin
12.	Games and Sports/ NSS	Games and Sports/ NSS	1 (0+1) NC	Dr. Sanjeev Kumar
		<b>Total</b>	<b>29 (18+11)</b>	

Note: The time table has been formulated as per Master Time Table with minor changes in the interest of the college.  
 Venue: Community Centre Lecture Hall - 2, DKAC, Arrabari, Kishanganj

Assoe. Dean - cum - Principal  
 D.K.A.C. Kishanganj

Dated: 21/08/2017

Letter No. 64/DKAC, Kishanganj

Copy forwarded to concern Course Instructors/ Officer-in-charge Academic Cell /Notice board of College/ Boy's Hostel/ Girl's Hostel of DKAC, Kishanganj

Dated: 21/08/2017

Memo No. 485/DKAC, Kishanganj

Copy to Dean Agriculture/ Registrar/ DSW, Bihar Agricultural University, Sabour, Bhagalpur for kind information and needful.

Assoe. Dean - cum - Principal  
 D.K.A.C. Kishanganj

CC: Personal Secretary to Vice Chancellor for kind information of Hon'ble Vice Chancellor.

**DR. KALAM AGRICULTURAL COLLEGE, KISHANGANJ**

Class Routine (As per Master Time Table) of B.Sc. (Ag.) 3<sup>rd</sup> Semester, 2017(w.e.f 27.07.2017)

REVISED

Days	10:00 AM- 11:00 AM	11:00 AM- 01:00PM	LUNCH BREAK	02:00PM - 03:00 PM	03:00PM - 05:00 PM	
Monday	AAG-212(T)	APG-211(P)	LUNCH BREAK	APG-211(T)	ABP-211(P)	
Tuesday	ASM-211(T)	AAE-211(P)		AAE-211(T)	AAG-212(P)	
Wednesday	AAG-212(T)	AHT-211(T)   ABP-211(T)		APG-211(T)	AEN-211(P)	
Thursday	AEN-211(T)	AAG-211(P)		AAE-211(T)	ASM-211(P)	
Friday	AAG-212(T)	AHT-211(P)		ABP-211(T)	ASM-212(P)	
Saturday	ASM-212(T)	AAE-211(T)				Games & Sports

Sl. No.	Course No.	Course Title	Credit Hrs.	Instructor(s)
1.	AAG-211	Crop Production Technology-II (Kharif Crops)	2 (1+1)	Dr. Hari Om
2.	APG-211	Fundamentals of Plant Breeding	3(2+1)	Dr. V.B. Jha, Dr. Md. Shamim & Dr. Mahesh Kumar
3.	AAE-211	Agricultural Finance and Cooperation	3 (2+1)	Dr. Shoji Lal Baurwa
4.	ASM-212	Agriculture Informatics	2 (1+1)	Mr. Rakesh Paswan/ Faculty from the BAC, Sabour
5.	AEN-211	Farm Machinery and Power	2 (1+1)	Er. M.K. Sharma
6.	AHT-211	Production Technology for Vegetables and Spices	2 (1+1)	Dr. S.S. Solankey
7.	ABP-211	Environmental Studies and Disaster Management	3(2+1)	Dr. Mahesh Kumar, Dr. Md. Shamim & Mr. D.K. Verma
8.	ASM-211	Statistical Methods	2 (1+1)	Mr. Rakesh Paswan
9.	AAG-212	Livestock and Poultry Management	4 (3+1)	Dr. Mahesh Kumar & Dr. R. K. Chaudhary
10.	Games & Sports	Games & Sports	1(0+1)	Dr. Sanjeev Kumar
		<b>Total</b>	<b>24 (14+10)</b>	

Note: The time table has been formulated as per Master Time Table with minor changes in the interest of the college.  
Venue: Community Centre Lecture Hall - I, DKAC, Arrabari, Kishanganj

Assoc. Dean -cum-Principal  
D.K.A.C, Kishanganj

Letter No. 403./DKAC, Kishanganj

Dated: 21/08/2017

Copy forwarded to concern Course Instructors/ Officer-in-charge Academic Cell /Notice board of College/ Boy's Hostel/ Girl's Hostel of DKAC, Kishanganj for kind information and need full.

Memo No. 403./DKAC, Kishanganj

Dated: 21/08/2017

Copy to Dean Agriculture/ Registrar/ DSW, Bihar Agricultural University, Sabour, Bhagalpur for kind information and needful.

Assoc. Dean -cum-Principal  
D.K.A.C, Kishanganj

CC: Personal Secretary to Vice Chancellor for kind information of Hon'ble Vice Chancellor.

**DR. KALAM AGRICULTURAL COLLEGE, KISHANGANJ**

REVISED

Class Routine (As per Master Time Table) of B.Sc. (Ag.) 5<sup>th</sup> Semester, 2017(w.e.f 27.07.2017)

Days	07:00 AM- 09:00 AM	10:00 AM- 11:00AM	11:00AM- 12:00AM	12:00AM- 01:00PM	LUNCH BREAK	02:00PM - 03:00 PM	03:00PM - 05:00 PM
Monday	AAG-302(P)	APP-301(T)	AEE-301(T)	APG-301(T)		AHT-302(T)	AEZ-301(P)
Tuesday		AAG-301(T)		ASS-301(P)		AEZ-301(T)	AHT-301(P)
Wednesday	AAG-302(P)	AAE-301(T)	AEE-301(T)	AHT-302(T)		BBP-201(T)	AAG-301(P)
Thursday	AHT-302(P)	AHT-301(T)	AEZ-301(T)	APG-301(T)		BBP-201(T)	BBP-201(P)
Friday	AAG-302(P)	APP-301(T)		AAE-301(P)		ASS-301(T)	APG-301(P)
Saturday		APP-301(P)				Games and Sports	NSS

Sl. No.	Course No.	Course Title	Credit Hrs.	Instructor(s)
1.	AAG-301	Farming Systems and Sustainable Agriculture	2 (1+1)	Dr. Hari Om
2.	AEZ-301	Crop Pests and Stored Grain Pests and their Management	3 (2+1)	Dr. Kalmesh M.
3.	AAE-301	Production Economics & Farm Management	2 (1+1)	Dr. Shoji Lal Bairwa
4.	AAG-302	Practical Crop Production (Kharif)	3 (0+3)	Dr. Hari Om
5.	AEE-302	Fundamentals of Rural Sociology and Educational Psychology	2 (2+0)	Dr. Arindam Nag
6.	AHT-301	Post Harvest management and value addition of Fruits and Vegetables	2 (1+1)	Dr. D.P. Saha
7.	APP-301	Disease of Horticultural Crops and their Management	3 (2+1)	Dr. Sanjeev Kumar & Dr. Erayya
8.	AHT-302	Production Technology of Fruit Crops	3 (2+1)	Dr. D.P. Saha
9.	APG-301	Breeding of Field / Horticultural Crops	3 (2+1)	Dr. V.B. Jha & Dr. S.S. Solanky/ Faculty from the BAC, Sabour
10.	ASS-301	Introductory to Nanotechnology	2 (1+1)	Dr. Nintu Mondal & Dr. B.N. Saha
11.	BBP-201(R)	Crop Physiology	3 (2+1)	Dr. Mahesh Kumar & Dr. Md. Shamim
12.	Games and Sports/ NSS	Games and Sports/ NSS	1 (0+1) NC	Dr. Sanjeev Kumar
		<b>Total</b>	<b>29 (18+11)</b>	

Note: The time table has been formulated as per Master Time Table with minor changes in the interest of the college.  
Venue: Community Centre Lecture Hall - 2, DKAC, Arrabari, Kishanganj

Assoc. Dean-cum-Principal  
D.K.A.C, Kishanganj

Dated: 21/08/2017

Letter No. 469/DKAC, Kishanganj

Copy forwarded to concern Course Instructors/ Officer-in-charge Academic Cell /Notice board of College/ Boy's Hostel/ Girl's Hostel of DKAC, Kishanganj for kind information and need full.

Dated: 21/08/2017

Memo No. 469/DKAC, Kishanganj

Copy to Dean Agriculture/ Registrar/ DSW, Bihar Agricultural University, Sabour, Bhagalpur for kind information and needful.

Assoc. Dean-cum-Principal  
D.K.A.C, Kishanganj

CC: Personal Secretary to Vice Chancellor for kind information of Hon'ble Vice Chancellor.

**DR. KALAM AGRICULTURAL COLLEGE, KISHANGANJ**

Class Routine of B.Sc. (Ag.) I<sup>st</sup> Semester, 2019 (w.e.f 18.11.2019)


Days	07:00AM-09:00AM	10:00AM-11:00AM	11:00AM-12:00NOON	12:00NOON-01:00PM	LUNCH BREAK	02:00PM-03:00PM	03:00PM-05:00PM
Monday	---	AAG-111(T)	AME-111(T)	AAG-111(T)	---	---	ASC-111(P)
Tuesday	NSS/NCC/Yoga	ASC-111(T)	AEE-111(T)	AHT-111(T)	---	---	AME-111(P)
Wednesday	---	ABP-111(T)	AAG-112(T)	AAG-113(T)	---	---	AAG-111(P)
Thursday	---	AEE-111(T)	AEE-111(T)	AME-111(T)	---	---	AHT-111(P)
Friday	---	ASM-111(T)	---	ABP-111(P)	---	---	ASME-111(T)
Saturday	NSS/NCC/Yoga	ABE-112(T)	---	AAG-112(P)	---	---	APE-112(P)

"T" represents Theory Classes for one hour "P" represents Practical for two hours

Sl. No.	Course No.	Course Title	Credit Hrs.	Instructor(s)
1.	AHT-111	Fundamentals of Horticulture	2(1-1)	Dr. D. P. Saha, Dr. S. S. Saha & Dr. S. Kumar
2.	AME-111	Fundamentals of Plant Biochemistry and Biotechnology	3(2-1)	Dr. Md. Shannun, Dr. Mahesh Kumar & Dr. V. B. Jha
3.	ASC-111	Fundamentals of Soil Science	3(2-1)	Dr. D. K. Verma & Dr. B. N. Saha
4.	AAG-112	Introduction of Forestry	3(1-1)	Guest Faculty/ Dr. Shashank Kumar, BAC, Kalyan
5.	AEE-112	Comprehension and Communication Skills in English	2(1-1)	Guest Faculty
6.	AAG-111	Fundamentals of Agronomy	4(3-1)	Dr. Arjun Ahirwar & Dr. Hari Om
7.	ABP-111	Introduction Biology (R)	2(1-1)	Guest Faculty/ Dr. Shashank, BAC, Sabour
8.	ASM-111	Elementary Mathematics (R)	2(2-0)	Guest Faculty/ Dr. Shambhu Nath, BPSAC, Patna
9.	AAG-113	Agricultural Heritage (R)	3(2-0)	Dr. Hari Om, Mr. S. Sarthak & Dr. Arindam Nag
10.	AEE-111	Rural Sociology & Educational Psychology	3(2-0)	Dr. Arindam Nag
11.	AEE-113	Human Values & Ethics	1(1-0)	Dr. Arindam Nag
12.	Games & Sports	NSS/NCC/Physical Education & Yoga Practices R- Remedial Course, NC- Non gradual courses	2(0-2)	Dr. Basudev Koley

As per memo no. 1580/Reg/BAC, Sabour dt. 05.11.2019, details of examination schedule, Mid-Term Examination - 13.01.2020 to 21.01.2020, Practical - 24.02.2020 to 05.03.2020 (Classes will remain continued during mid-term and Practical Classes)

\*O.O. No. 81/Dean(Ag)/BAU, Sabour/F.No.-312 Dt. 09.08.2019.


  
 Asso. Dean (in-charge)  
 Dr. Kalam Agricultural College,  
 Kishanganj

Letter No. 722/DKAC, Kishanganj Dated 18/11/2019

Copy forwarded to the concern Course Instructors/ Officer-in-charge Academic Cell /Notice board of College, Boys' Hostel, Girls' Hostel of DKAC, Kishanganj for kind information and need fill.

Memo No. 722/DKAC, Kishanganj Dated 18/11/2019

Copy to Dean Agriculture, Registrar, DSW, Bihar Agricultural University, Sabour, Bhagalpur for kind information and needful.

  
 Asso. Dean (in-charge)  
 Dr. Kalam Agricultural College,  
 Kishanganj

cc- Personal Secretary to Vice-Chancellor for kind information of Hon'ble Vice-Chancellor

### Dr. Kalam Agricultural College, Kishanganj

**Class Routine of repeat courses of B.Sc. (Ag.) 9<sup>th</sup> Semester (2015-16 batch, 4<sup>th</sup> Deans' committee), 2019 (w.e.f. 18.07.2019)**

Days	07:00AM-09:00AM	10:00AM-11:00AM	11:00AM-2:00NOON	12:00NOON-1:00PM	02:00PM-3:00PM	03:00PM-05:00PM
Monday	AAG-302(P) / AAG-103(P)	APP-301(T) / ALM-201(T) / APP-201(T)	AEZ-301 (T)	APG-301 (T) / APG-102(T)		AEZ-301 (P) / AEZ-201(P) / AEZ-202(P)
Tuesday	ALM-201(P)	AAG-103(T) / AAG-301 (T) / ALM-201(T)		ASS-301(P)		AHT-301 (P) / AHT-302(P)
Wednesday	AAG-302 (P)	AAE-301 (T) / AAG-201(T)	AEE-301(T)	AHT-302(T) / AHT-201(T)		AAG-301 (P)
Thursday	AHT-201(P)	AHT-301 (T) / AHT-201(T)	AEZ-301(T) / AEZ-201(T) / AEZ-202(T)	APG-301 (T) / APG-102(T)		BBP-201 (P)
Friday	AAG-302(P)	APP-201(T) / APP-301 (T)	AAE-301(P) / BAS-103 (P)			BBP-201 (P)
Saturday	AAG-301(P)	APP-201(P) / APP-301(P)		ASS-201(T) / ASS-202(T)		APG-301(P) / APG-102(P)
						ASS-201 (P) / ASS-202(P)

LUNCH BREAK

"T" represents Theory Classes for one hour, "R" represent repeat classes and "P" represents Practical for two hours

Sl. No.	Course No.	Course Title	Credit Hrs	Instructor(s)
1.	AAG-103(R)	Water Management including micro irrigation	3 (2+1)	Dr. Avon Ahitra & Dr. Hari Om
2.	APG-102(R)	Principle of Plant Breeding	3 (2+1)	Dr. Mahesh Kumar, Dr. VB Jha & Dr. Md. Shamim
3.	BAS-103(R)	Statistics	2 (1+1)	Dr. B. Kole
4.	AAE-201(R)	Agricultural Finance and Co-operation	2 (1+1)	Dr. Shoji Lal Bairwa
5.	ASS-202(R)	Manures, Fertilizers and Agrochemicals	3 (2+1)	Dr. D.K. Verma & Dr. B.N. Saha
6.	APP-201(R)	Diseases of Field Crop and their management	3 (2+1)	Dr. S. Sarkhel & Dr. Erayya
7.	AEZ-201(R)	Insect Ecology and Systematics	3 (2+1)	Dr. Kalmesh M.
8.	AAG-201(R)	Practical Crop Production-I (Kharif Crops)	3 (0+3)	Dr. Hari Om & Dr. Avon Ahitra
9.	AAE-201(R)	Agr. Finance and Cooperation	2 (1+1)	Dr. Shoji Lal Bairwa
10.	AHT-201(R)	Production tech. of Vegetables and Flowers	3 (2+1)	Dr. S.S. Solankey, Dr. Shyama Kumari & Dr. D.P. Saha
11.	ASS-201(R)	Soil Chemistry, fertility and Nutrient Management	3 (2+1)	Dr. D. K. Verma & Dr. B.N. Saha
12.	ALM-201(R)	Livestock Production and Management	3 (2+1)	Guest Faculty
13.	AEZ-202(R)	Insect Ecology & Integrated Pest Management including Beneficial Insects	3 (2+1)	Dr. Kalmesh M.
14.	AAG-301(R)	Farming System and Sustainable Agriculture	2 (1+1)	Dr. Avon Ahitra & Dr. Hari Om
15.	AEZ-301(R)	Crop Pests and Stored Grain Pests and their Management	3 (2+1)	Dr. Kalmesh M.
16.	AAE-301(R)	Production Economics and Farm Management	2 (1+1)	Dr. Shoji Lal Bairwa
17.	AAG-302(R)	Practical Crop Production (Kharif)	3 (0+3)	Dr. Hari Om & Dr. Avon Ahitra
18.	AHT-301(R)	Post-Harvest Management and Value Addition of Fruits and Vegetables	3 (1+1)	Dr. D.P. Saha, Dr. S.S. Solankey & Dr. Shyama Kumari
19.	APP-301(R)	Disease of Horticultural Crops and their Management	3 (2+1)	Dr. Erayya and Mr. S. Sarkhel
20.	AHT-302(R)	Production Technology of Fruit Crops	3 (2+1)	Dr. D.P. Saha, Dr. S.S. Solankey & Dr. Shyama Kumari
21.	APG-301(R)	Breeding of Field/Horticultural Crops	3 (2+1)	Dr. V.B. Jha, Dr. Mahesh Kumar, Dr. Md. Shamim & Dr. S.S. Solankey
22.	ASS-301(R)	Introductory to Nano-technology	2 (1+1)	Dr. B.N. Saha & Dr. D. K. Verma
23.	BBP-201(R)	Crop Physiology	3 (2+1)	Dr. Mahesh Kumar & Dr. Md. Shamim
24.	AAE-301(R)	Fundamentals of Rural Sociology and Educational Psychology	2 (2+0)	Dr. Arindam Nag


Letter No. 3749/DKAC, Kishanganj

Copy forwarded to concern Course Instructors/ Officer-in-charge Academic Cell /Notice board of College/ Boy's Hostel/ Girl's Hostel of DKAC, Kishanganj for kind information and need full.

Copy to Dean Agriculture/ Registrar/ DSW, Bihar Agricultural University, Sabour, Bhagalpur for kind information and need full.

Dated: 18/7/2019.

Dated: 18/7/2019.

  
 Assoc. Dean-cum-Principal  
 D.K.A.C., Kishanganj

DR. KALAM AGRICULTURAL COLLEGE, KISHANGANJ

Class Routine of B.Sc. (Ag.) I<sup>st</sup> Semester, 2020 (w.e.f. 03.10.2020) (Online/Offline)

REVISED-1

Days	07:00AM-09:00AM	10:00AM-11:00AM	11:00AM-12:00NOON	12:00NOON-01:00PM	LUNCH BREAK	02:00PM-03:00PM	03:00PM-05:00PM
Monday	--	AAG-113(T)	AME-111(T)	AAG-111(T)	LUNCH BREAK	--	ASC-111(P)
Tuesday	NSS/NCC/Yoga	ASC-111(T)	AEE-111(T)	AHT-111(T)		AAG-111(T)	AME-111(P)
Wednesday	--	ABP-111(T)	AAG-112(T)	AAG-113(T)		ASC-111(T)	AAG-111(P)
Thursday	--	AEE-113(T)	AEE-111(T)	AME-111(T)		AAG-111(T)	AHT-111(P)
Friday	--	ASM-111(T)	ABP-111(P)			ASM-111(T)	AEE-112(P)
Saturday	NSS/NCC/Yoga	AEE-112(T)	AAG-112(P)			--	--

"T" represents Theory Classes for one hour "P" represents Practical for two hours

Sl. No.	Course No.	Course Title	Credit Hrs.	Instructor(s)
1.	AHT-111	Fundamentals of Horticulture	2(1+1)	Dr. D. P. Saha, Dr. S. S. Solankey & Dr. S. Kumari
2.	AME-111	Fundamentals of Plant Biochemistry and Biotechnology	3(2+1)	Dr. Md. Shannim, Dr. V. B. Jha & Dr. Mahesh Kumar
3.	ASC-111	Fundamentals of Soil Science	3(2+1)	Dr. D. K. Verma & Dr. B. N. Saha
4.	AAG-112	Introduction of Forestry	2(1+1)	Guest Faculty/ Dr. S. Tyagi, BAC, Sabour (Vide O.O. No. 204/Dean(Ag.)BAU, Sabour/ F. No. 312, dt: 15.01.2020)
5.	AEE-112	Comprehension and Communication Skills in English	2(1+1)	Guest Faculty
6.	AAG-111	Fundamentals of Agronomy	4(3+1)	Dr. Avon Alipatra & Dr. Hari Om
7.	ABP-111	Introduction Biology	2(1+1)	Guest Faculty/ Dr. Shashikant, BAC Sabour (Vide O.O. No. 81/Dean(Ag.)BAU, Sabour/ F. No. 312, dt: 09.08.2019)
8.	ASM-111	Elementary Mathematic	2(2+0)	Guest Faculty/Dr. Shambhu Nath, BPSAC Purnea (Vide O.O. No. 81/Dean(Ag.)BAU, Sabour/ F. No. 312, dt: 09.08.2019)
9.	AAG-113	Agricultural Heritage	2(2+0)	Dr. Hari Om, Mr. S. Sarkhel & Dr. Arindam Nag
10.	AEE-111	Rural Sociology & Educational Psychology	2(2+0)	Dr. Arindam Nag
11.	AEE-113	Human Values & Ethics	1(1+0)	Dr. Arindam Nag
12.	Games & Sports	NSS/NCC/Physical Education & Yoga Practices R- Remedial Course, NC- Non gradud courses	2(0+2)	Dr. Basudev Kole, Dr. Jitendra Kumar & Dr. Kalmesh M.

Note: The time table has been formulated as per Master Time Table with minor changes in the interest of the college. The Classes will be held online till further order.  
Venue: Lecture Hall, Administrative Building, Kishanganj, when offline classes will start.

Sd/-  
Assoc. Dean-cum-Principal  
Dr. Kalam Agricultural College,  
Kishanganj

Letter No. 579/D.K.A.C., Kishanganj

Dated: 13/10/2020

Copy forwarded to the concern Course Instructors/ Officer-in-charge Academic Cell /Notice board of College/ Boy's Hostel/ Girl's Hostel of DKAC, Kishanganj for kind information and need full.

Memo No. 579/D.K.A.C., Kishanganj

Dated: 13/10/2020

Copy to Dean Agriculture/ Registrar/ DSW, Bihar Agricultural University, Sabour, Bhagalpur for kind information and needful.

Sd/-  
Assoc. Dean-cum-Principal  
Dr. Kalam Agricultural College  
Kishanganj

**DR. KALAM AGRICULTURAL COLLEGE, KISHANGANJ**

Class Routine of B.Sc. (Ag.) 2<sup>nd</sup> Semester Winter, 2020, For (Repeat, Left over and Regular student).

Days	07:00AM-9:00AM	10:00 AM-11.00 AM	11:00 AM-12:00 NOON	12:00 NOON-01:00 PM	02:00 PM-3:00 PM	03:00 PM-05:00 PM
Monday	--	AAE-121 (T)	APP-121 (T)	APG-121(T)	LUNCH BREAK	AEZ-121 (T)
Tuesday	--	AEN-121(T)	APP-121(T)	AEZ-121 (T)		AEE-121(T)
Wednesday	--	AAE-121 (T)	ABP-121(T)	AEZ-121 (T)		ASC-121(T)
Thursday	--	AEE-121(T)		AEZ-121 (P)		APP-121 (P)
Friday	NSS/NCC/Yoga	AEE-122(T)		ABP-121(P)		APP-121(T)
Saturday	NSS/NCC/Yoga	AEN-121 (P)				ASC-121 (P)
						Advisory Meeting

"T" represents Theory Classes for one hour "P" represents Practical for two hours

S. No.	Course No.	Course Title	Credit Hrs.	Instructor(s)
1.	APG - 121	Fundamentals of Genetics	3(2+1)	Dr. Mahesh Kumar, Dr. Md. Shamim & Dr. V.B. Jha
2.	ABP - 121	Fundamentals of Crop Physiology	2(1+1)	Dr. Md. Shamim, Mahesh Kumar & Guest faculty from BAU, Sabour
3.	ASC - 121	Agricultural Microbiology	2(1+1)	Dr. B.N. Saha, Dr. D.K. Verma, Dr. Mahesh Kumar & Dr. Md. Shamim
4.	AEN - 121	Soil and Water Conservation Engineering	2(1+1)	Dr. M.K. Sharma & Dr. D.K. Verma
5.	AAE - 121	Fundamentals of Agricultural Economics	3(2+0)	Dr. S. L. Bairwa
6.	APP - 121	Fundamentals of Plant Pathology	4(3+1)	Mr. Subhashish Sarkhel & Dr. Erayya
7.	AEZ - 121	Fundamentals of Entomology	4(3+1)	Dr. Kalmesh M.
8.	AEE - 121	Fundamentals of Agricultural Extension Education	3(2+1)	Dr. Arindam Nag
9.	AEE - 122	Communication Skill and Personality Development	2(1+1)	Dr. Arindam Nag & Dr. Basudev Kole
10.	Games & Sports	NSS/NCC/Physical Education & Yoga	2 (0+2)	Dr. Basudev Kole

Note: The time table has been formulated as per Master Time Table with minor changes in the interest of the college.  
Venue: Lecture Hall-01, Administrative Building, DKAC Kishanganj

Sd/-  
Assoe. Dean-cum-Principal  
Dr. Kalam Agricultural College,  
Kishanganj

Dated: 09/01/2020

Letter No. 1699 /DKAC, Kishanganj

Copy forwarded to concern Course Instructors/ Officer-in-charge, Academic Cell /Notice board of College/ Boy's Hostel/ Girl's Hostel of DNAC, Kishanganj for kind information and need full.

Dated: 09/01/2020

Memo No. 1699 /DKAC, Kishanganj

Copy to Dean Agriculture/ Registrar/ DSW, Bihar Agricultural University, Sabour, Bhagalpur for kind information and needful.

Sd/-  
Assoe. Dean-cum-Principal  
Dr. Kalam Agricultural College,  
Kishanganj

*(Signature)*  
09/01/2020

Annexure-IV

NSS ACTIVITIES

Sl. No	Date	Name of the programme	No of participants			
			Scientist/ Staffs	Male Students	Female students	Total
1.	08.05.2019	World Red Cross Day	10	13	16	39
2.	10.05.2019	Mothers Day	13	36	12	61
3.	12.06.2019	World Day Against Child Labour	8	18	-	26
4.	12.06.2019	Blood Donation	9	35	7	51
5.	21.06.2019	International Yoga day	13	31	15	59
6.	20.07.2019	Guest Lecture	15	69	34	
7.	06.08.2019	Guest Lecture	24	51	32	113
8.	07.08.2019	Vriksha Diwas	13	33	16	62
9.	14.09.2019	Hindi Diwas	11	-	-	11
10.	02.10.2019	Gandhi Jaynti	14	4	11	29
11.	15.10.2019	Dr. A. P. J. Abdul Kalam Jaynti	4	59	26	89
12.	05.12.2019	World Soil Day	6	51	30	
13.	06.12.2019	Blood Donation Camp	4	11	8	24
14.	11.07.2021	World Population Day	10	16	8	34

Memo No. 720 (DKAC, Kishanganj)  
Date 20/9/21

20/9/21  
Assoc. Dean-Principal  
Dr. Kalam Agriculture College  
Kishanganj-855107

Signature of Dean of the college with Date & Seal