POSTGRADUATE DEGREES REGULATIONS

AND

THESIS/DISSERTATION PREPARATION GUIDELINES

2026

OFFICE OF THE DEAN
INSTITUTE OF AGRICULTURE AND ANIMAL SCIENCE
TRIBHUVAN UNIVERSITY
KIRTIPUR, NEPAL

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1 BACKGROUND

1.1 History of the Institute

The School of Agriculture was established under the Ministry of Agriculture in 1957 to train Junior Technical Assistants (JTA) in Agriculture. In 1968, the school was upgraded to a College of Agriculture and undertook a 2-years Intermediate of Science in Agriculture (I.Sc.Ag.) program. In 1972, the college was reorganized as the Institute of Agriculture and Animal Science (IAAS), a constituent institute of Tribhuvan University. In the same year, the institute moved out of Kathmandu valley to Rampur, Chitwan, 150 km southwest of Kathmandu. The institute started the Bachelor of Science in Agriculture (B.Sc.Ag.) program in 1977 at the Central Campus, Rampur. In 1987, the Institute launched a Bachelor of Science in Animal Science (B.Sc.An.Sc.) program, which was later converted to the present Bachelor of Veterinary Science and Animal Husbandry (B.V.Sc.&A.H.) degree in 1993. In 1998, the Institute started the Master of Science in Agriculture (M.Sc.Ag.) and Master of Science in Animal Science (M.Sc.An.Sc.) degrees. In the later years M.Sc. Aquaculture (M.Sc.Aqua.) and Master of Veterinary Science (M.V.Sc.) courses were also started. The Ph.D. degree course was started in 2002. The post-graduate program was resumed in 2013 at Kirtipur Kathmandu and the Dean's office was also relocated at Kathmandu in 2014. At present, the institute runs postgraduate program at Kiripur and it has four constituent campuses: Lamjung, Paklihawa, Rampur and Gauradaha campuses for undergraduate degrees.

1.2 Mission and Objectives of the Institute

The mission of IAAS, Nepal's only public institution for higher education in agriculture, is to promote agricultural science and train humanpowers required for the agricultural development. The Institute focuses on imparting instructions, opportunities for academic research and the dissemination and promotion of advanced learning, skills, and cutting-edge agricultural technologies. The main objectives of the Institute are to:

i) design educational programs in agriculture to address the existing and emerging needs of the people of Nepal,
ii) promote excellence in instruction, research and extension,
iii) produce educated and technically competent graduates for managing and contributing to technical agriculture, extension education, agribusiness, and agricultural and rural development,
iv) undertake research and scholarly activities in agriculture relevant to the needs of the people, and
v) disseminate knowledge through extension services in agriculture.

2 POSTGRADUATE DEGREES REGULATIONS

2.1 Master of Science (M.Sc.)

2.1.1 DEFINITION OF THE TERMS AND PHRASES

Academic year: a period of one year beginning in the month of Shrawan (July) each year.
Semester: a period covering 17 weeks from the beginning of classes till the end of the final exam. It covers a period of 15 weeks of teaching plus two weeks for final examinations.
Curriculum: a series of courses designed to provide learning opportunities to meet the requirements for the degree.
Course: a unit of instruction to be covered for particular subject.
Credit hours (or course credit or credits): each credit hour represents one hour of lecture or minimum 2 hours of field/lab work per week throughout a semester. In total, a credit required minimum of 16 contact hours (15 hour of class delivery and 1 hour assessment) for theory and minimum 32 contact hours (30 + 2) for practical.
Course load: the number of credit hours a student registers in a semester.

2.1.2 DEGREES NAME AND DEPARTMENT CODE

I. Master of Science in Agriculture with major in (name of the subject) or M. Sc. Ag. (name of the subject)
II. Master of Science in Animal Science with major in (name of the subject) or M. Sc. An. Sc. (name of the subject) or M. Sc. (Animal Science)
III. Master of Veterinary Science with major in (name of the subject) or M. V. Sc. (name of the subject)
IV. Master of Science in Agricultural Statistics or M. Sc. (Agricultural Statistics)
V. Master of Science in Aquaculture or M. Sc. (Aquaculture)

Table 1: Details of degree, department code and degree code

SN	Degree details	Code	
		Department	Degree
1	M.Sc.Ag.(AGRICULTURAL ECONOMICS)	AEC	21
2	M.Sc.Ag (AGRICULTURAL EXTENSION)	EXT	22
3	M.Sc.Ag (AGRONOMY)	AGR	23
4	M.Sc.Ag (ENTOMOLOGY)	ENT	24
5	M.Sc.Ag (PLANT PATHOLOGY)	PLP	25
6	M.Sc.Ag (HORTICULTURE)	HRT	26
7	M.Sc.Ag (SOIL SCIENCE)	SSC	27
8	M.Sc.Ag (GENETICS AND PLANT BREEDING)	PLB	28
9	M.Sc.Ag. (AGRICULTURAL ECOLOGY)	AGE	29
10	M.Sc.Ag. (SEED SCIENCE AND TECHNOLOGY)	SST	30
11	M.Sc. (AGRICULTURAL STATISTICS)	AST	20
12	M.Sc.An.Sc. (ANIMAL NUTRITION)	ANU	31
13	M.Sc.An.Sc. (ANIMAL BREEDING)	ANB	32
14	M.Sc.An.Sc. (LIVESTOCK PRODUCTION AND MANAGEMENT)	LPM	33

15	M.Sc. (ANIMAL SCIENCE)	ANS	34
16	M.Sc. (AQUACULTURE)	AQU	41
17	M.V.Sc. (PATHOLOGY)	VPP	51
18	M.V.Sc. (PARASITOLOGY)	VPA	52
19	M.V.Sc. (THERIOGENOLOGY)	VGO	53
20	M.V.Sc. (EPIDEMIOLOGY AND PUBLIC HEALTH)	VEP	54
21	M.V.Sc. (MEDICINE)	VMC	55
22	M.V.Sc. (MICROBIOLOGY)	VMI	56
23	M.V.Sc. (PHARMACOLOGY)	VPM	57
24	M.V.Sc. (PHYSIOLOGY)	VPY	58
25	M.V.Sc. (ANATOMY)	VAN	59
26	M.V.Sc. (SURGERY AND RADIOLOGY)	VSR	50

2.1.3 ACADEMIC SESSION AND SEATS

There are two semesters (1st and 2nd) per academic year. In general, the admission time is spring or autumn or both. Every year, details about the admission and academic calendar are issued by the Dean's office.

The number of students to each degree will be based on available human resources and facilities. In general, 5, 10 or 15 student quotas are offered every year for each department. The quota for each department and offering of degree will be assessed and finalized by the faculty board before the call of admission.

2.1.4 ADMISSION REQUIREMENTS

Open Competition
The eligibility requirements for open competition students will be as per table 2.

Table 2: Eligibility requirements for master's degree

Degree	**Eligibility**
M.Sc.Ag.	B.Sc.Ag./Hort. or equivalent
M.Sc.An.Sc.	B.Sc.Ag. or B.Sc.An.Sc. or B.V.Sc.&A.H. or equivalent
M.Sc.Aqua.	B.Sc.Ag., B.Sc.An.Sc., B.V.Sc.&A.H., B.Sc.Aqua./Fisheries or equivalent
M.V.Sc.	B.V.Sc. & A.H. or equivalent
M.Sc. Agricultural Statistics	B.Sc.Ag./Hort., B.Sc.An.Sc., B.V.Sc.&A.H., B.Sc.Aqua./Fisheries or equivalent

- The instruction of medium for undergraduate degree must be in English.
- Eligible degrees must have at least 2nd division, 50% or equivalent in grading system.
- The candidate must pass the entrance examination conducted by the institute in the given year.
- Final selection will be based on the merit list of the entrance examination.
- In case of specialized degree for eligibility, the final assessment will be made by the faculty board of the institute.

In-service candidate from Government Agency within Nepal

- Self-sponsored candidate: Must meet the criterion stated in the section 2.1.4.
- Government nominated candidate: Candidates may get admission based on eligibility criterion only without entrance exam. In such cases, the candidate must submit nominations, financial sponsorship and study leave approval.

Candidates from other Countries

- Must meet the degree eligibility requirements stated in section 2.1.4.
- Must have proof of financial support.
- The medium of instruction must be English in undergraduate degrees or English proficiency minimum IELTS 5 in each band or equivalent.
- Eligible students are not required to appear the entrance examination; however, the application will be evaluated by the concerned committee

2.1.5 DURATION OF DEGREES

The normal duration is of two years. All the courses and the final defense of master thesis must be completed within 6 years (i.e. 12 semesters) of the enrollment.

2.1.6 ADMISSION PROCEDURE

Admission form will be available online (www.iaas.tu.edu.np). Properly filled out application forms, required fees, and the specified documents must be submitted within the stipulated time. The information about admission procedures and mandatory documents will be made available online by the admission committee.

Successful candidates from the entrance exam will get the admission based on merit. The selected candidates should submit their original copies of documents like citizenship, transfer/college leaving certificate, transcripts and degree certificates from the institutions last attended.

2.1.7 RESIDENTIAL REQUIREMENT AND TIME LIMIT

All the students must meet the residential requirement of at least one and a half years. A student must enroll in each semester till his/her degree requirements are completed. If the student is unable to enroll on due date, he/she will be fined.

2.1.8 TYPES OF COURSES

Compulsory courses: These are the courses that must be taken by all postgraduate students enrolled in the postgraduate program.
Inter-departmental courses: These are the courses taught by more than one department. Students enrolled in specified department must take the interdepartmental courses.
Departmental courses: These are the courses primarily offered by the major department or degree offering department.
Optional courses: A student may enroll to the relevant courses offered by any department upon the recommendation of the department head.
Seminar: There will be two seminars, each weighing 1 credit hour. The first is the research proposal seminar while the second is the research result/progress seminar.

Thesis research: This refers to the development of research proposals, planning and conducting experiment, data collection/analysis, and interpretation of the results. A student has to prepare thesis research report in the specified format of the institute. After the final defense, the student will have to revise his/her thesis incorporating the suggestions and comments given by the experts and committee members and submit the draft to the Examination Division after obtaining the ink signatures of concerned official for further processing. The thesis work will be evaluated as satisfactory/unsatisfactory.

2.1.9 COURSE CODE

The numbers assigned to each course code represent the following information. The first number represents the advance courses designed for postgraduate study, second number represents the type of courses (1-compulsory, 2-interdepartmental, 9 related to thesis/dissertation) and the third number represents the number of course offered by the similar department.

- 700 series : Postgraduate courses
- 791 : Proposal seminar
- 792 : Result seminar
- 793 : Comprehensive exam
- 799 : M.Sc. Thesis

2.1.10 CREDIT HOUR REQUIREMENT

All students admitted to master's degrees must enroll and pass a minimum of 45 credit hours. This includes a minimum of 27 credit hours including thesis research (0+9), comprehensive exam (0+2) and seminars (0+2) from the degree offering department. Students admitted to any degree must complete a minimum of 14 credit hours from departmental courses. All full-time students should enroll 9-16 credit hours per semester. There will be a thesis only during 2nd year 2nd semester.

2.1.11 ADVISORY SYSTEM

- An advisory committee consisting of a chairperson and member(s) will academically guide the student throughout the postgraduate study.
- The student must fill out the form indicating his/her preferred chairperson for the advisory committee along with the potential areas of research during the second semester. While taking decision for appointing major advisor of a student, the Assistant Dean (Acad.) may seek advice from the department in-charge and other faculty members with the consideration of the interest of the student.
- The chairperson of the advisory committee is confirmed by the end of the 1st year/2nd semester. In deciding the advisory committee members, the Assistant Dean (Acad.) will approve the members upon the recommendation of major advisor.
- If the chairperson of the advisory committee is not assigned, the PG Coordinator or Assistant Dean (Academics) will perform the specified responsibilities until the chairman is fixed.
- The chairperson of the advisory committee must be among the IAAS faculty members of the major department as assistant professor or of higher designation. The chairperson of the advisory committee should have served as a member of the advisory

committee of at least one student at postgraduate level. However, in special cases, the Dean may assign the role of chairperson of the advisory committee to the qualified faculty upon the recommendation of Assistant Dean (Acad.).

- Member of the advisory committee may be from the IAAS or other organizations. The expertise of the member of the advisory committee should be related to the degree or rationalize the contribution in the research.
- The member of the advisory committee must have minimum experiences as follows; i) must have four years of experience after master level study in relevant field (teaching, research, development and extension in the field of agriculture); ii) faculty having PhD degree must have at least one year of experience in relevant field after PhD; iii) A postgraduate teaching faculty.
- In special cases, a co-advisor can be assigned by the Dean upon the recommendation of Assistant Dean (Acad.) with an application forwarded by the major advisor. For being appointed as a co-advisor, the person must be directly supervising the student in conducting thesis research under his/her laboratory or project. In such cases, there won't be any member advisors.

2.1.12 THESIS RESEARCH

- The research topic will be decided jointly by the student and the major advisor. The research proposal must be forwarded by the chair of the Advisory Committee and approved by Assistant Dean (Acad.). All students must get the research proposal approved by the end of the 2nd semester.
- In general, thesis research is initiated after the proposal seminar; however, research may be initiated before the proposal seminar if it's approved by the Assistant Dean (Acad.) with reasonable justification.
- The student must conduct the research, write a report, and successfully defend it through an open seminar in the presence of the advisory committee and officials. The chairperson of the advisory committee must be physically present in the seminar.

2.1.13 ATTENDANCE REQUIREMENT, EVALUATION AND GRADING

A student must be regular in the classes. The minimum attendance for theory and practical separately is 80%. In special cases, upon the recommendation of the course in-charge, the PG Coordinator/Assistant Dean (Acad.) may allow a minimum of 75% attendance. Without proven record of attendance, students are not allowed to attend the final exam.

Internal Assessment

All students must pass internal assessment examination(s) according to the schedule given by the course teacher in order to be qualified for appearing in the final exam. A student missing out in the scheduled internal assessment with valid reason, the course in-charge may take a makeup test if prior arrangements are made. But, once appeared and unsuccessful to qualify the internal assessment, the candidate must reenroll the courses.

Examination System

Final Examination (Theory and Practical)	:	External
Internal Assessment	:	Internal
Comprehensive	:	External

Evaluation of Theory

Internal Assessment

Written test(s)* : 25%

Assignment(s)** : 25%

Final examination : 50%

*Mostly the written test, but, class activities, short quizzes, class tests, group presentations, take-home task, etc. are accepted.

**A formatted task (introduction, body and conclusion) such as critical review, paper review, case study, quick survey, focused topic presentation, etc.

Evaluation of Practical

Final examination : 100%

Passing a Course

A student must pass the final examinations both in the theory and in practical. A student failing in the final examination (non-grading) of either theory or practical or both must re-enroll and pass the course. In case a student has failed any theory paper in the final examination, the internal examination and practical examination scores can be carried over, as s/he has passed them previously. However, if s/he has been absent from or has failed the internal assessment or practical examination, s/he should appear for the examination again and pass it. Score for passing an internal assessment, final exam and practical is 50% or equivalent in grading system. The student passing the internal assessment in a given subject need not to reappear for internal assessment in the next enrollment. If the student unsuccessful to qualify the same course four times (1 regular and 3 subsequent attempts) will be automatically dropped out from the program.

Grading system

Table 3: Grading system with letter and descriptions

SN	Grade	Percentage Range	Grade Point	Description
1	A^+	90 and above	4.0	Outstanding
2	A	80 – 89.99	3.7	Excellent
3	B^+	70 – 79.99	3.3	Very good
4	B	60 – 69.99	3.0	Good
5	C^+	50 – 59.99	2.7	Satisfactory
6	NG	Below 50	2.0	Non-graded

Grade Point Average (GPA) Calculations:

Semester GPA (SGPA)= Σ grade point earned in the particular semester / Σ cr. hr. in the sem.

Cumulative GPA (CGPA) = Σ(Total grade points across all semesters) / Σ cr. hr. attempted.

Graduation Requirements

To be eligible for graduation, a student must;

- Successfully pass all courses with at least a 'C^+' grade
- Acquire a minimum of CGPA of 2.7

2.1.14 COMPREHENSIVE EXAMINATION

A student should attend the comprehensive examination at the end of 2nd year 1st semester. To attend the comprehensive exam, student must complete all the courses and credits of first two semesters. An external examiner will be appointed by the examination division for the comprehensive exam. The duration of the exam may vary from 2 to 4 hours. In addition, external examiner may take the viva-voce. In case the student fails in the first attempt, a second chance will be given to them. Unsuccessful student, even in the second attempt, will be automatically dropped from the program. Students can submit thesis draft only after passing the comprehensive examination.

2.1.15 SEMINARS

A student must enroll and present two graduate seminars of one credit each. The first seminar will be on the thesis proposal in the 1st year 2nd semester and the second on the progress/result of thesis research in the 2nd year 1st semester. Both seminars will be evaluated by the external examiner of the relevant discipline assigned by the examination division.

The proposal seminar will be conducted in the presence of external examiners' panel and chairperson of the advisory committee. The evaluation and final decision of acceptance or rejection of the research proposal will be made by the external examiners' panel. In general, three persons panel will be made to evaluate the research proposal of the respective cluster. In case of rejection, a chance will be given within 15 days. If rejected in the chance seminar, the research proposal seminar is scheduled for the upcoming year.

The result seminar will be evaluated by the external examiner. The content should be in line with the proposal submitted earlier. A minor change intact with the concept of the proposal can be accepted but a departure with the concept will not be accepted. In such cases, student must have prior approval from the Assistant Dean (Acad.) with valid reason and justification. If the justification is not rationalized, student must re-present the proposal seminar for satisfactory result with external examiner.

2.1.16 THESIS SUBMISSION AND DEFENSE

The student must submit a declaration form referring to all registered courses, seminars and comprehensive exam are to be cleared before the submission of the thesis draft. Generally, the draft must be submitted within 2 years from the date of first registration. The student must submit one loose bound copy (also upload a soft copy in the EMIS system) with the signatures of the advisory committee in the given format and timeframe.

The academic section will issue a notice for the final thesis defense within the three months of draft submission. In case of unavoidable circumstances, student/major advisor may request, for only one chance, to re-schedule the thesis defense date within three months. If the student/major advisor is absent in the rescheduled date without prior approval, the student should enroll the semester.

The final defense will be a public seminar. Advisory committee members are invited but the major advisor must be physically present in the seminar. Based on the presentation,

question answer, discussion and the recommendation of the major advisor, the thesis defense committee will declare the results with the following outcomes.

i) Accepted with minor revision: submit within 90 days. Minor corrections only.
ii) Accepted with major revision: submit within 90 days. Modify the results, challenges in tools, inappropriate presentation, etc.
iii) Accepted with major revision and re-presentation: modify or rewrite the thesis, methodological challenges, additional activity, unable to defend the content, etc. Must extend one semester to satisfy the revision and re-present the result.
iv) Rejected: rejected on ethical grounds and other serious concerns with valid reasons. In such cases, student must start the research depending upon the recommendation from defense committee.

The defense committee will be as follows- Dean (Chair), Asst. Dean (Exam.), Asst. Dean (Acad.) and PG Coordinator. A person from academic administration will serve as secretary. The dean may invite one relevant faculty member from the respective department. The decision will be declared by the Assistant Dean (Acad.) in consultation with Dean and other officials. If the student is unsuccessful twice, he/she will be automatically dropped from the program.

A plagiarism report following the guideline and soft copy (whole thesis, abstract in English/Nepali) both in word and pdf files must be with hard bound copies. Three copies (candidate's copy, chairperson of the advisory committee's copy and official record copy) of the well-written hardbound thesis approved by the advisory committee with ink signatures must be submitted to the Dean through the Assistant Dean (Academics) for final approval. Thesis must be prepared according to the guidelines given in postgraduate program bulletin. The student failing to do so must enroll in the following semester (s).

2.1.17 COMPLETION OF A DEGREE PROGRAM

Once the student completed all the courses, seminars, comprehensive exams and submitted the hardbound thesis for approval, the examination board declare the result of the thesis. Once the thesis result gets published, all credentials will be issued by the controller of examination, Tribhuvan University.

2.2 DOCTOR OF PHILOSOPHY (PHD)

2.2.1 DEGREES NAME

Basically, IAAS offers four specialized degrees for PhD. In case of subject or department specific degree requirement, the dean office provides the subject specific letter considering the area of the dissertation in consultation with relevant subject matter/equivalent committee. PhD degrees are offered in two plans. Plan A: Degree by research and courses, and Plan B: Degree by research.

I. Doctor of Philosophy in Agriculture or Ph.D. in Agriculture
II. Doctor of Philosophy in Animal Science or Ph.D. in Animal Science
III. Doctor of Philosophy in Aquaculture or Ph.D. in Aquaculture
IV. Doctor of Philosophy in Veterinary Science or Ph.D. in Veterinary Science

2.2.2 INTAKE SESSION AND QUOTA

The students will be admitted either in fall or spring or both sessions. The postgraduate (PG) committee will decide the number of students to be admitted based on available human resources, faculties and applicants.

2.2.3 ADMISSION REQUIREMENTS

Research proposal
The applicant must submit the research concept note along with the completed form and credentials.

Degree eligibility
The applicant should meet the degree requirement as per the table below. In case of interdisciplinary subject/degree, the faculty board will decide the degree eligibility with consultation of relevant subject matter expert(s).

Table 4: Degree eligibility for PhD program

Degree	Entry Requirement Degree
PhD in Agriculture	M.Sc.Ag. or equivalent
PhD in Animal Science	M.Sc.An.Sc. or equivalent
PhD in Veterinary Science	M.V.Sc. or equivalent
PhD in Aquaculture	M.Sc.Aqua. or equivalent degree

Experience and other requirements

Table 5: Experience and publication requirements

Requirements	Applicants Master Degree		
	Distinction	First division	2nd division
Experiences (years)	no	2	3
Publications (number)*	1	2	3

*Only peer reviewed journal articles as first author are considered for publication.

- The applicant must be graduated from the institution where medium of instruction for undergraduate and postgraduate degrees is English.
- Applicant must submit the declaration to ensure the financial sources.
- Must produce letters of recommendation from two referees of which at least one must be a university professor.

2.2.4 ADMISSION PROCEDURE

Applicant meeting the abovementioned eligibility criterion should submit the duly filled application form to the academic section of IAAS, Dean's office. Based on the applicant's research proposal and availability of supervisors, the PG committee will conditionally admit the applicant as a PhD candidate. The PG committee is as follow:

Table 6. The composition of PG committee

Title	**Research Committee**
Dean	Chairperson
Asst. Dean (Admin)	member
Asst. Dean (Exam)	member
Director of research	member
Postgraduate coordinator	member
Asst. Dean (Academics)	Member-secretary
Department head or relevant faculty (must have PhD)	Invited member

Quota (admission) types

Open Competition

Applicants will be selected based on the meritocracy criterion set by the PG committee.

In-service candidates from IAAS

One senior faculty member will get the admission per intake. S/he must be officially nominated. The institutional development fund fee will be waived to the officially nominated candidate. All regular fees will apply as open candidate.

In-service candidates from other institutions or countries

The candidate must be officially nominated along with financial sponsorship. The sponsorship letter is compulsory. All regular fees will apply as open candidates. The institutional development fund for this category will be twice of the open competition candidate. In case of foreign students, s/he must produce the proof of English proficiency with at least 5.5 IELTS or equivalent in aggregate.

2.2.5 DURATION OF PHD DEGREE

The normal duration for the PhD is of three years (6 semesters). All the degree requirements must be completed within 7 years or 14 semesters. The student failing to complete the requirements within specified time will be automatically dropped out from the program.

2.2.6 RESIDENTIAL REQUIREMENT AND TIME LIMIT

All the students must meet the full-time requirement of at least one year. Each candidate should take at least 9 cr. hr courses excluding the progress seminar upon the

recommendation of advisory team. The student must pass the courses. The student must enroll in each semester till his/her degree requirements are completed. If a student fails to do so, he/she will automatically be dropped from the academic program.

2.2.7 COURSE CODE AND CREDIT HOUR REQUIREMENTS

The numbers assigned to each course code represent the following.

Table 7: Degree code and degree name of PhD

SN	Discipline	Degree Code	Degree name	Mode
1	Agriculture	61	Doctor of Philosophy in Agriculture	Plan A and Plan B
2	Animal Science	62	Doctor of Philosophy in Animal Science	
3	Veterinary Science	63	Doctor of Philosophy in Veterinary Science	
4	Aquaculture	64	Doctor of Philosophy in Aquaculture	

Table 8: Course code, course title and degree mode

SN	Course Code	Cr. Hr.	Course title	Degree Mode
1	DPT891	0+3	Qualifying Exam	All PhD Degrees
2	DPT892	0+6	Proposal Seminar	
3	DPT893	0+6	1st Progress Seminar	All PhD Degrees by Research and Courses (Plan A)
4	DPT893	0+6	2nd Progress Seminar	
5	DPT893	0+6	3rd Progress Seminar	
6	DPT893	0+6	4th Progress Seminar	
7	DPT894	0+6	Result Seminar (pre-defense)	
8	DPT895	0+9	1st Progress Seminar	All PhD Degrees by Research (Plan B)
9	DPT895	0+9	2nd Progress Seminar	
10	DPT895	0+9	3rd Progress Seminar	
11	DPT895	0+9	4th Progress Seminar	
12	DPT896	0+9	Result Seminar (pre-defense)	
13	DPT899	0+21	Dissertation	All PhD Degrees
14	DPTxxx	15*	Courses name	All PhD Degrees

*All PhD students must achieve minimum 75 cr. hr. Plan A student should enroll at least 15 cr. hr. during 2nd to 5th semester. All students must enroll in 9-16 credit hours per semester except for the last semester of final graduation where credit hours may be lower.

2.2.8 QUALIFYING EXAM

All eligible students conditionally admitted in the PhD program must take a written qualifying examination to confirm their admission. The qualifying exam must be completed within first half of the first semester (first three months). It consists of two

parts- Part A: Advisory committee test, Part B: PG committee test. Based on the qualifying examination, the advisory committee should recommend the deficiency/capacity enhancement courses. The candidate must satisfy the recommended post graduate courses with pass mark during their candidature.

2.2.9 ADVISORY SYSTEM

- An advisory committee consisting of a chairperson of the advisory committee and a minimum of two other member advisors academically guide the student throughout the PhD. The chairperson of the advisory committee must belong to the degree offering department. One member also belongs to the major subject while the other member may be from relevant subject. The chairperson of the advisory committee should meet the requirements as outlined in integrated PhD guidelines of the Tribhuvan University. In case of supervisor's experiences, the chairperson should have two PhD supervision as member advisor or four major advisors for master degree students.
- The chairperson of the advisory committee will be assigned by the dean usually prior to the acceptance of a student for admission. The chairperson of the advisory committee will assist the student in setting up an advisory committee. If the chairperson of the advisory committee is not assigned prior to the admission, the Assistant Dean (Acad.) will serve as a temporary chairperson of the advisory committee. The dean appoints the PhD advisory committee upon the recommendation of Asst. Dean (Acad.).

2.2.10 THE RESEARCH COMMITTEE

The dean is the head of the research committee. This committee is responsible on regulation and implementation of the postgraduate programs being operated by the dean's office. The composition of the committee will be as follows.

Table.9. The composition of the research committee

Title	**Research Committee**
Dean	1 Chairperson
Subject matter committee chair	2 members
Representative of TU research centre	1 member
Researcher outside TU	1 member
Faculty involved in PhD program	2 members
Asst. Dean	1 member
Faculty from constituent campus	1 member

2.2.11 DISSERTATION PROCESS

Proposal seminar: The research proposal must be defended in the presence of advisory committee along with the research committee. The proposal must be qualified through the seminar and a signed copy should be submitted to the academic administration of the Dean's Office. If the candidate is unable to qualify the research proposal in the first semester, s/he should attend the seminar to qualify in the subsequent semester. Dissertation research can be initiated only after the proposal approval.

Progress seminars: After the research initiated, the candidate should attend the progress seminars in the presence of advisory committee along with the PG committee. The candidate writes an application with supervisor's endorsement; the academic section will confirm the progress seminar. The progress seminar will be evaluated by the PG committee.

Professional requirements: Candidate must attend two symposium/conference with at least oral presentation. One of them should be the international symposium/conference either in Nepal or abroad.

Publication requirements: All PhD students must publish at least three peer reviewed journal articles based on dissertation for the completion of degree. Student enrolled in Plan A must produce at least one Scimago indexed journal article and two peer reviewed journal articles. Student enrolled in Plan B must produce at least two Scimago indexed journal articles and one peer reviewed journal article. More than one review articles cannot be accepted for the requirements.

Result seminar: After completion of the research, professional and article requirements (published or accepted), students should present a result seminar with advisory committee and PG committee.

Draft dissertation submission: Student must submit the draft following the guidelines to the academic section with signatures of all members of the advisory committee. One printed copy and one soft copy (word and pdf version of the dissertation and abstract) should be submitted to the academic section.

2.2.12 DISSERTATION EVALUATION AND DEFENSE

- The dean or the assigned assistant dean will send the student's dissertation for at least three external evaluators (outside institute) either in country or abroad. There will be at least one international reviewer outside Nepal. Reviewers must approve the dissertation for degree award. In case of major revision suggestions from the two reviewers or the international reviewer, additional opinion would be sought from another reviewer. If the additional reviewer also rejects the dissertation, the students will be automatically dropped from the program.
- The student should respond to each comment of the individual reviewer in the response to the reviewer form developed by the institute. The response to the reviewer form will be evaluated by the PG committee or if necessary, by the reviewer.
- After the acceptance of the reviewers' comments, the student is required to defend the dissertation successfully through an open seminar in the presence of the advisory committee, research committee and invited professional(s). The research committee may seek the advice/suggestion from the invited professional(s) for the final decision.
- After the recommendation of the PG committee, the candidate should give a public defense with advisory committee and research committee. The research committee will recommend the final result to the examination division of IAAS.
- The overall performance including requirements will be evaluated for the award of the degree. The research committee may recommend the student to modify, change or rewrite the report, if necessary. The student will be allowed only two chances to

defend the dissertation. If the student fails twice, s/he will be automatically dropped from the program.

2.2.13 ATTENDANCE REQUIREMENT, EVALUATION AND GRADING

Same as in M.Sc. Program for the registered courses.

2.2.14 COMPLETION OF A DEGREE

Once the student completed all the requirements and submitted at least five hardbound dissertations including plagiarism report, clearance form, soft copies (pdf and word copies of dissertation and abstracts) with ink signatures of all advisors for final approval. The plagiarism threshold must be in line with the guidelines developed by the university. Once approved, the examination board declare the result of the dissertation. Once the dissertation result gets published, certificate will be issued by the controller of examination, Tribhuvan University.

2.3 SPECIAL PROVISIONS AND CONSIDERATIONS

2.3.1 CREDIT HOUR TRANSFER AND LATERAL ENTRY

Applicants having insufficient credits in their earned degrees or willing to obtain a degree in compliment with the already obtained degree can apply for lateral entry. The PG committee will decide upon consultation with relevant subject committee to transfer the obtained credits and recommend the required courses or thesis to be taken/done by the candidates. The candidate should get the admission in recommended department and must be successful in the internal or board exams. Upon passing the examination, a grade sheet will be provided, and the equivalent certificate will be issued combining their obtained degree and grade sheet(s). The applicants who have already obtained the degree by IAAS and willing to complement the courses for a new degree, do not require to qualify the entrance exam.

An applicant who earned the credit from any recognized universities other than the IAAS, Tribhuvan University, can be transferred if it has been approved by the PG committee. In such cases, applicants must go through the entrance examination to qualify as postgraduate candidates at IAAS. The maximum credit transfer limit is 50% for the minimum credit degree of the degree. A guideline will be developed for credit transfer and lateral entry.

2.3.2 JOINT DEGREE AND JOINT SUPERVISION

A joint degree is offered in collaboration with national/international research organization or university for research-based degrees only. In such cases, joint supervision with qualified personnel is accepted as per the MoU. A separate guideline will be developed to execute the joint degree.

2.3.3 ETHICAL ISSUES

The PhD candidate should maintain all the ethical issues pertinent to research. S/he is required to get permission of the institute/university or ethical committee or council as per

the nature of the research. The PhD candidate will conduct all the research activities complying with the existing laws, and rules/regulations of the country. IAAS will not be responsible for any consequences in failing to do so by the candidate.

2.3.4 DROPPING A SEMESTER

Once admitted, a student shall not be allowed to drop the semester or course(s). If a student does not appear in the final examination, he/she will be considered as failed in the subject(s) registered in a given semester. A student can adjust the credit hour load within the limit (9-16/semester) but cannot defer the semester and admission. In case of master study, if a student completely absents for a semester in the first three semesters, the student can enroll the missed semester and continue the study onwards. If the student did not attend at least one subject in the final exam, the semester is not completed. In case of PhD candidate, the student may defer the progress seminar but must register the semester. Once admitted, fees, whatsoever, will not be refunded if a student decides to quit.

2.4 Formatting Guidelines

Language:	English
Paper Specifications	
Color and size:	White, 21 cm x 29.7 cm (A4)
Weight:	80 gsm for hard copy
Margins and Spacing	
Left margin:	3.5 cm
Right margin:	2.0 cm
Top margin:	3.0 cm
Bottom margin:	2.5 cm
Spacing:	Double
Side to be printed on:	Single-sided front only
Font size:	12 pt (for tables and figures, 10 pt is acceptable)
Font type:	Times New Roman & Preeti (Nepali Abstract)
Font style:	Regular for body. Capitals and Bold as indicated
Font color:	Black
Breaking a word on 2 lines:	Not allowed
Corrections with fluid:	Not allowed
Overwriting:	Not allowed
Alignment (main text):	Left justified
Alignment (headings):	Left justified, or centered if indicated
Crossing out words:	Not allowed
Printing quality:	Laser or letter quality
Copies:	High quality photocopy
Page number:	Romanized page number for certificate to abstracts and green numbers from introduction section

2.5 Order of sections and Structures for thesis/dissertation

The general format for master thesis and PhD Dissertation is in the table xxx. The thesis/dissertation texts include from introduction to conclusions and recommendations. Master's Theses may contain a single project while dissertations usually include multiple projects, and a comprehensive literature review covering the entire dissertation's theme. In PhD dissertation, a General Introduction and Literature Review are the first and second chapters while Conclusions and Recommendations is the last chapter. In case of social sciences, the chapter 3 would be the General Methodology that applies for all research projects. All research (standalone) chapters should contain the following sections in the following order:

1. Abstract
2. Introduction
3. Materials and Methods
4. Results and Discussion
5. Conclusion(s)

Table: A general structures of Thesis/Dissertation

Master thesis	**PhD Dissertation**
Title Cover Page	Title Cover Page
Blank Page	Blank Page
Inner Title Page	Inner Title Page
Declaration	Declaration
Certificate (Final acceptance)	Certificate (Final acceptance)
Acknowledgements	Acknowledgements
Table of contents	List of Publications
List of table/figure/appendices etc	Symposium/Conferences
Abstract (English and Nepali)	Table of contents
Introduction	List of table/figure/appendices etc
Literature Review	Introduction
Materials and Methods/Methodology	Literature Review
Results and Discussion	General Methodology (only for social sciences)
Conclusions and Recommendations	Results and Discussion
Literature Cited	Project chapters (Introduction, Materials and Methods, Results and Discussion & Conclusions)
List of Appendices	Conclusions and Recommendations
Biographical Sketch	Literature Cited
	List of Appendices
	Biographical Sketch

2.6 Appendices

Appendix A: Title Cover for Hard Bound Copy only

- Typed in all capital letters except scientific names.
- Approved thesis/dissertation title typed 7.5 cm below the top edge of the cover.
- Full name of the author typed in the middle of the page.
- Year of thesis/dissertation submission typed 5 cm above the bottom edge of the cover.
- The spine of the bound copy should contain: Name of the degree, i.e. Master of Science or Doctor of Philosophy; and Author's given name and surname followed by a dash mark and submission year, i.e. AB SHARMA – 2026.
- Master's Theses are bound in bottle green.
- Doctor of Philosophy (PhD) dissertations are bound in dark black with gold letters.

Appendix B: Inner Title Page for Bound and Unbound Copies
Appendix C: Certificate for Draft Submission Only
Appendix D & E: Certificates for Hard Bound Copies

- Each hard bound thesis/dissertation will have two certificates.
- Declaration from the Chair of the Advisory Committee (Appendix D)
- Certificate of Recommendation from the Advisory Committee and Authorities (Appendix E)

Appendix F: Acknowledgements

- A one-page acknowledgements page should follow the inner title cover page. It is limited to the contributions of all parties involved in the work, including financial

sponsors, if any. Only persons who have made a significant contribution to the work should be acknowledged.

Appendix G: Table of Contents

- The table should include the chapter headings, with appropriate page references.
- Table of content should not have more than three layers of sub-headings.

Appendix H: List of Tables, Illustrations, Images and Photographs

- Place within thesis/dissertation text at appropriate places, centered on the page. It should be introduced in the text.
- Paste the figure, photographs, image or illustration plates (Figure)
    - Printed on art quality paper only for color photographs.
    - Use high quality color printing (Optional) for figure/illustration.
    - Natural photographs of appropriate size so they are clear and crisp
- Position of the caption: The title of the table should be on the top of the table while the caption of the figure should be just below the figure. The title table/figure should be written in sentence case.
- Self-explanatory title: Title should reflect content in the table/figure, variables, the factors, location, time, etc. It should be typed in Times New Roman, 12 pt font.
- Colon (:) should be used to separate the caption and the title of the table and figures. Same applies for annex/appendix e.g. (Table: ……).

Appendix I: List of Symbols, Acronyms and Abbreviations

Appendix J &K: Abstracts in English and Nepali

- Abstracts should be approximately 300 words (Thesis) and 500 words (Dissertation), typed single-spaced on white paper. The Chair of the student's Advisory Committee must sign each copy of the abstracts before submission. In general, only one page abstract for master thesis while it may be maximum of two pages for PhD dissertation. It should be typed in single space and in one paragraph. Abstract in English and Nepali must be in separate pages. Dissertations may contain multiple abstracts depending on the number of projects.
- For Nepali abstract, it should be typed in preeti 14 font size or equivalent Unicode.

Appendix L: Literature Cited

- References should follow APA Style guidelines. Please see Appendix L for general guide and official website for comprehensive guidelines.

Appendix M: Biographical Sketch

- This is one page document which details your personal background and motivations.

Appendix A (Master Thesis)

7.5 cm

EVALUATION OF TOMATO (*Solanum* spp.) GENOTYPES DURING WINTER SEASON UNDER PROTECTED STRUCTURES



ABC SHARMA

JUNE 2026

5 cm

Appendix B (Master Thesis)

EVALUATION OF TOMATO (*Solanum* spp.) GENOTYPES DURING WINTER SEASON UNDER PROTECTED STRUCTURES

ABC SHARMA

THESIS
SUBMITTED TO THE
TRIBHUVAN UNIVERSITY
INSTITUTE OF AGRICULTURE AND ANIMAL SCIENCE
KATHMANDU, NEPAL

IN PARTIAL FULFILLMENT OF THE
REQUIREMENTS FOR THE
DEGREE OF

MASTER OF SCIENCE IN AGRICULTURE
(HORTICULTURE)

JUNE 2026

Appendix C (Master Thesis Draft Submission)

CERTIFICATE

We, the undersigned, members of the Advisory Committee of **Mr./Ms. ABC SHARMA**, **Id. No. R-XXXX-XXX-XX X**, a candidate for the degree of **MASTER OF SCIENCE IN AGRICULTURE** with major in **HORTICULTURE** agree that the thesis entitled **"EVALUATION OF TOMATO (*Solanum* spp.) GENOTYPES DURING WINTER SEASON UNDER PROTECTED STRUCTURES"** may be submitted in partial fulfillment of the requirements for the degree.

_____

[Name]
Member
Advisory Committee
Date:

_____

[Name]
Chair
Advisory Committee
Date:

Appendix D (Master Thesis Declaration)

DECLARATION

This is to certify that the thesis entitled **"EVALUATION OF TOMATO (*Solanum* spp.) GENOTYPES DURING WINTER SEASON UNDER PROTECTED STRUCTURES"** submitted in partial fulfillment of the requirements for the degree of **MASTER OF SCIENCE IN AGRICULTURE** with major in **HORTICULTURE,** Institute of Agriculture and Animal Science, Kathmandu is a record of original research carried out by **Mr./Ms. ABC SHARMA, Id. No. R- XXXX-XXX-XX X**, under my supervision, and no part of the thesis has been submitted for any other degree or diploma.

The similarity index of the thesis text was _____ on the day of submission.

_____
[Name]
MS Candidate
Date:

_____
[Name]
Advisory Committee Chair
Date:

Appendix E (Master Thesis Acceptance Certificate)

CERTIFICATE

The thesis attached hereto, entitled **"EVALUATION OF TOMATO (*Solanum* spp.) GENOTYPES DURING WINTER SEASON UNDER PROTECTED STRUCTURES"** prepared and submitted by **Mr./Ms. ABC SHARMA**, **Id. No. R-XXXX-XXX-XX X** in partial fulfillment of the requirements for the degree of **MASTER OF SCIENCE IN AGRICULTURE (HORTICULTURE)**, is hereby accepted.

_____	_____
[Name]	[Name]
Member, Advisory Committee	Chair, Advisory Committee
Date:	Date:

Accepted as partial fulfillment of the requirements for the degree of

MASTER OF SCIENCE IN AGRICULTURE (HORTICULTURE)

.
.
.
.

_____
[Name]
Assistant Dean (Academics)
Institute of Agriculture and Animal Science
Tribhuvan University
Date:

.
.
.
.

_____
[Name]
Dean
Institute of Agriculture and Animal Science
Tribhuvan University
Result Date:

Appendix F (ACKNOWLEDGEMENTS)
Appendix G (TABLE OF CONTENTS)

TABLE OF CONTENTS

DECLARATION ……..

CERTIFICATES……..…

ACKNOWLEDGEMENTS…….……

TABLE OF CONTENTS…….

LIST OF TABLES…….

LIST OF FIGURES…….

LIST OF ACRONYMS/ABBREVIATIONS/SYMBOLS……

ABSTRACT IN ENGLISH……..…..…….

ABSTRACT IN NEPALI……..

1. INTRODUCTION [Problem statement to objectives]……

2. LITERATURE REVIEW [Systematic Review)……..

    2.1 [Subsection Title in Heading Case]…….

        2.1.1 [Sub subsection Title in Sentence case]……..

3. MATERIALS AND METHODS [Methodology in case of social sciences]…

    3.1 [Subsection Title]……..

4. RESULTS AND DISCUSSION [A combine chapter for thesis]……

    4.1 [Subsection Title]…….

5. CONCLUSIONS AND RECOMMENDATIONS…….

LITERATURE CITED…….

LIST OF APPENDICES…….

BIOGRAPHICAL SKETCH……..#

Appendix H (LIST OF TABLES/FIGURES/APPENDICES)

Table	Title	Page
1	Growth characteristics of tomato under ……	x
2	Xxxxx	x
3	Xxxxx	x

Appendix I (LIST OF SYMBOLS/ACRONYMS/ABBREVIATIONS)

LIST OF SYMBOLS/ACRONYMS/ABBREVIATIONS

©	Copyright
™	Trade Mark
π	pi
TDS	Total Dissolved Solids
BA	6-Benzylaminopurine
Inst.	Institute

Appendix J (ABSTRACT)

ABSTRACT

TITLE: EVALUATION OF TOMATO (*Solanum* spp.) GENOTYPES DURING WINTER SEASON UNDER PROTECTED STRUCTURES

Name: ABC Sharma
Id. No.: R-XXXX-XXX-XX X
Date of First Registration: YYYY-MM-DD
Degree: M.Sc.Ag.
Major Subject: xxxxx
Department: xxxx

Please use this space to write an approximately 300-word abstract of your work. It must be typed in 12 pt TNR in single space.

……. ……
[Name] [Name]
Advisory Committee Chair Author
Date: Date:

Appendix K (शोध-सार)

शोध-सार

शिर्षक :.....

नाम: रोल नं:
प्रथम सत्र शुरु मिति: २०८३-११-२८ उपाधी: स्नातकोत्तर (कृषि विज्ञान)
विभाग: मुख्य विषय:

नेपलामा धानखेती परम्परादेखिनै गरिदै आएको हो ।.....

....
(नाम) (नाम)
मुख्य सल्लाहाकार लेखक

Appendix A (PhD Dissertation)

7.5 cm

BIONOMICS AND MANAGEMENT OF DACINE CUCURBIT FRUIT FLIES IN CUCURBIT ECOSYSTEM

ABC SHARMA

JUNE 2025

5 cm

Appendix B (PhD Dissertation)

BIONOMICS AND MANAGEMENT OF DACINE CUCURBIT FRUIT FLIES IN CUCURBIT ECOSYSTEM

ABC SHARMA

ISBN*:….

DISSERTATION
SUBMITTED TO THE
TRIBHUVAN UNIVERSITY
INSTITUTE OF AGRICULTURE AND ANIMAL SCIENCE
KATHMANDU, NEPAL

IN PARTIAL FULFILLMENT OF THE REQUIREMENTS
FOR THE DEGREE OF

DOCTOR OF PHILOSOPHY IN
AGRICULTURE

JUNE 2025

Appendix C (PhD Dissertation Draft Submission)

CERTIFICATE

We, the undersigned, members of the Advisory Committee of **Mr./Ms. ABC SHARMA**, **Id. No. R-XXXX-XXX-XX X**, a candidate for the degree of **DOCTOR OF PHILOSOHY IN AGRICULTURE** from the department of **ENTOMOLOGY** agree that the dissertation entitled **"BIONOMICS AND MANAGEMENT OF DACINE CUCURBIT FRUIT FLIES IN CUCURBIT ECOSYSTEM"** may be submitted in partial fulfillment of the requirements for the degree.

_____

[Name]
Member
Advisory Committee
Date:

_____

[Name]
Member
Advisory Committee
Date:

_____

[Name]
Chair
Advisory Committee
Date:

Appendix D (PhD Dissertation Declaration)

DECLARATION

This is to certify that the dissertation entitled **"BIONOMICS AND MANAGEMENT OF DACINE CUCURBIT FRUIT FLIES IN CUCURBIT ECOSYSTEM"** submitted in partial fulfillment of the requirements for the degree of **DOCTOR OF PHILOSOHY IN AGRICULTURE** from the department of **ENTOMOLOGY,** Institute of Agriculture and Animal Science, Kathmandu is a record of original research carried out by **Mr./Ms. ABC SHARMA, Id. No. R- XXXX-XXX-XX X**, under my supervision, and no part of the thesis has been submitted for any other degree or diploma.

The similarity index of the thesis text was _____ on the day of submission.

_____
[Name]
PhD Candidate
Date:

_____
[Name]
Chair, Advisory Committee
Date:

Appendix E (PhD Dissertation Acceptance Certificate)

CERTIFICATE

The dissertation attached hereto, entitled **"BIONOMICS AND MANAGEMENT OF DACINE CUCURBIT FRUIT FLIES IN CUCURBIT ECOSYSTEM"** prepared and submitted by **Mr./Ms. ABC SHARMA**, **Id. No. R-XXXX-XXX-XX X** in partial fulfillment of the requirements for the degree of **DOCTOR OF PHILOSOHY IN AGRICULTURE** from the department of **ENTOMOLOGY** is hereby accepted.

_____
[Name]
Member, Advisory Committee
Date:

_____
[Name]
Member, Advisory Committee
Date:

_____
[Name]
Chair, Advisory Committee
Date:

Accepted as fulfillment of the requirements for the degree of

DOCTOR OF PHILOSOHY IN AGRICULTURE

.
.
_____._____
[Name]
Assistant Dean (Academics)
Institute of Agriculture and Animal Science
Tribhuvan University
Date:

.
.
_____._____
[Name]
Dean
Institute of Agriculture and Animal Science
Tribhuvan University
Result Date:

Appendix F (ACKNOWLEDGEMENTS)
Appendix G (TABLE OF CONTENTS)

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ACKNOWLEDGEMENTS…….……

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    2.1 [Subsection Title in Heading Case]…….

        2.1.1 [Sub subsection title in sentence case] ……..

3. GENERAL METHODOLOGY [Applies in case of social sciences]…

    3.1 [Subsection Title]……..

4. RESULTS AND DISCUSSION [A combine chapter for thesis]……

    4.1 Title (Standalone chapters depend on objectives, experiments etc.)

        4.1.1 Abstract

        4.1.2 Introduction

        4.1.3 Materials and Methods

4.1.4 Results and Discussion

4.1.5 Conclusions

5. CONCLUSIONS AND RECOMMENDATIONS…….

LITERTURE CITED…….

LIST OF APPENDICES…….

BIOGRAPHICAL SKETCH……..#

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Table	Title	Page
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3	Xxxxx	x

Appendix I (LIST OF SYMBOLS/ACRONYMS/ABBREVIATIONS)

LIST OF SYMBOLS/ACRONYMS/ABBREVIATIONS

©	Copyright
™	Trade Mark
π	pi
TDS	Total Dissolved Solids
BA	6-Benzylaminopurine
Inst.	Institute

Appendix J (ABSTRACT)

ABSTRACT

TITLE: BIONOMICS AND MANAGEMENT OF DACINE CUCURBIT FRUIT FLIES IN CUCURBIT ECOSYSTEM

Name: ABC Sharma
Id. No.: R-XXXX-XXX-XX X
Date of First Registration: YYYY-MM-DD
Degree: PhD in Agriculture
Department: xxxxxxxxx

Please use this space to write an approximately 500-word abstract of your work. It must be typed in 12 pt TNR in single space.

……. ……
[Name] [Name]
Advisory Committee Chair Author
Date: Date:

Appendix K (शोध-सार)

शोध-सार

शिर्षक :.....

नाम: रोल नं:
प्रथम सत्र शुरु मिति: उपाधी: विद्यावारिधि (कृषि विज्ञान)
विभाग:

नेपलामा धानखेती परम्परादेखिनै गरिदै आएको हो ।.....

....
(नाम) (नाम)
मुख्य सल्लाहाकार लेखक

Appendix L: LITERATURE CITED

Creating an APA Style Reference List

- The literature cited contains all the works you cited in the text of your paper.
- In general, there should be a one-to-one correspondence between the works cited in the text and the works listed in the reference list.
- Personal communications are cited in the text of your paper but are not included in the reference list (see Section 8.9 in the seventh edition Publication Manual).
- If you read a work while doing your literature search but did not end up citing it in the text of your paper, do not include it in the reference list.
- Use the section label "**Literature Cited**" (not "Works Cited" or "Bibliography").
- Start the reference list on a new page after the text of your paper.
- Center the label at the top of the page and write it in bold.

Format references in seventh edition APA Style.

- Double-space the reference list, both within and between references. Do not add extra lines between references.
- Order references alphabetically, usually by the first letter of the first author's last name.
- Write author names in inverted format so that the last name comes first, followed by a comma and the initials. Place a period and a space after each initial. Include the authors' first and middle initials (if they have them) only.
- Apply a hanging indent for all references using the paragraph-formatting function of your word-processing program. The first line is flush left, and all subsequent lines are indented 0.5 inch.
- To determine the format to use for a reference list entry, first determine the reference group (e.g., textual works, online media) and reference category (e.g., periodical, social media), and then choose the appropriate reference type within the category (e.g., journal article, facebook post) and follow that example in Chapter 10 of the Publication Manual or the Concise Guide to APA Style.
    - Reference formats are based on the document type (e.g., journal article, report), not the retrieval method (e.g., online, in print).
    - Even if you retrieved a work online, determine what type of document it is. Only cite a work as a webpage or website if no other category fits.

Include a DOI or URL at the end of the reference for any work that has one.

- Most references do not require retrieval dates. Include a retrieval date only when (a) a work is inherently designed to change over time (e.g., a Facebook profile page) and (b) you are citing an unarchived version of the work, as described in Section 9.16 of the Publication Manual.
- Do not include both a DOI and a URL in a reference entry. If a work has both a DOI and a URL, include only the DOI.
- Copy and paste the DOI or URL directly from your web browser.
- Do not add a period after the DOI or URL.
- DOIs and URLs can be either blue and underlined (usually the default setting for hyperlinks) or plain text that is not underlined.

Examples of References

Journal Article

Edwards, A. A., Steacy, L. M., & Compton, D. L. (2022). Unpacking the unique relationship between set for variability and word reading development: Examining word- and child-level predictors of performance. *Journal of Educational Psychology*, *114*(6), 1242–1256. https://doi.org/10.1037/edu0000696

Authored Book

Levenson, H., Jinich, S., Vaz, A., & Rousmaniere, T. (2025). *Deliberate practice in emotionally focused couple therapy*. American Psychological Association. https://doi.org/10.1037/0000436-000

Edited Book Chapter

Zeleke, W. A., Hughes, T. L., & Drozda, N. (2020). Home–school collaboration to promote mind–body health. In C. Maykel & M. A. Bray (Eds.), *Promoting mind–body health in schools: Interventions for mental health professionals* (pp. 11–26). American Psychological Association. https://doi.org/10.1037/0000157-002

Conference Session

Davidson, R. J. (2019, August 8–11). *Well-being is a skill* [Conference session]. APA 2019 Convention, Chicago, IL, United States. https://irp-cdn.multiscreensite.com/a5ea5d51/files/uploaded/APA2019_Program_190708.pdf

Dissertation from a Database

Horvath-Plyman, M. (2018). *Social media and the college student journey: An examination of how social media use impacts social capital and affects college choice, access, and transition* (Publication No. 10937367) [Doctoral dissertation, New York University]. ProQuest Dissertations and Theses Global.

Preprint Article

Latimier, A., Peyre, H., & Ramus, F. (2020). *A meta-analytic review of the benefit of spacing out retrieval practice episodes on retention.* PsyArXiv. https://psyarxiv.com/kzy7u/

Online Magazine Article

Thomson, J. (2022, September 8). Massive, strange white structures appear on Utah's Great Salt Lake. *Newsweek*. https://www.newsweek.com/mysterious-mounds-great-salt-lake-utah-explained-mirabilite-1741151

Print Magazine Article

Nicholl, K. (2020, May). A royal spark. *Vanity Fair*, *62*(5), 56–65, 100.

Online Newspaper Article

Bernstein, J. (2024, June 3). The man who couldn't stop going to college. *The New York Times*.https://www.nytimes.com/2024/06/03/magazine/benjamin-bolger-college-harvard-yale.html

Print Newspaper Article

Reynolds, G. (2019, April 9). Different strokes for young hearts. *The New York Times*, D4.

Blog Post

Rutledge, P. (2024, April 23). Are tweens too young? *Dr. Pam: Living With Media.* https://www.pamelarutledge.com/are-tweens-too-young-for-digital-literacy/

Online Dictionary Entry

American Psychological Association. (2018). Internet addiction. In *APA dictionary of psychology*. https://dictionary.apa.org/internet-addiction

Report by a Group Author

World Health Organization. (2014). *Comprehensive implementation plan*. https://apps.who.int/iris/bitstream/handle/10665/113048/WHO_NMH_NHD_14.1_eng.pdf?ua=1

Report by Individual Authors

Winthrop, R., Ziegler, L., Handa, R., & Fakoya, F. (2019). *How playful learning can help leapfrog progress in education*. Center for Universal Education at Brookings. https://www.brookings.edu/wpcontent/uploads/2019/04/how_playful_learning_can_help_leapfrog_progress_in_education.pdf

Press Release

American Psychological Association. (2024, April 11). *People who use willpower alone to achieve goals, resist temptation, deemed more trustworthy* [Press release]. https://www.apa.org/news/press/releases/2024/04/people-who-use-willpower

Data Set

O'Donohue, W. (2017). *Content analysis of undergraduate psychology textbooks* (ICPSR 21600; Version V1) [Data set]. Inter-university Consortium for Political and Social Research. https://doi.org/10.3886/ICPSR36966.v1

Film or Video

Docter, P., & Del Carmen, R. (Directors). (2015). *Inside out* [Film]. Walt Disney Pictures; Pixar Animation Studios.

TV Series Episode

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Book **three - five authors**	Alred, G. J., Brusaw, C. T., & Oliu, W. E. (2009). *The business writer's handbook*. New York, NY: St Martin's Press.	**First citation:** (Alred, Brusaw, & Oliu, 2009) **Subsequent citations:** (Alred et al., 2009)	**In text:** First citation: cite all authors and use "&" before final author. Sentence style**:** use 'and' before final author.
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Personal communication letters, emails, interviews, conversations, lecture notes	*Cited* in text only and **NOT** included in the reference list.	(T. K. Lutes, personal communication, April 18, 2010). **Or** According to T.K. Lutes (personal communication, April 18, 2010).	Give the initials as well as the surname of the communicator and provide as exact a date as possible.