

ACTIVITY GUIDEBOOK THESIS PREPARATION PROGRAM



Arranged by :
THESIS COMMISSION

**FACULTY OF AGRICULTURE AND
ANIMAL SCIENCE UNIVERSITY
MUHAMMADIYAH MALANG
February 2016**

FOREWORD

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

السلام عليكم ورحمة الله وبركاته

Thank God, we convey to Allah SWT who has bestowed His grace, so that we can complete the "Thesis Program Activity Guidebook" properly. Along with our greetings to the Prophet Muhammad SAW who is our bright light in life and life in this world. This handbook is intended for all students of the Faculty of Agriculture and Animal Husbandry, University of Muhammadiyah Malang as a guide for compiling and completing thesis, from debriefing to preparing reports and final exams.

This Guidebook is prepared to provide direction, standards and methods of assessment in the Implementation of completing the Thesis. All the provisions contained in this book are expected to equalize the perception between KKMA/Department/Prodi, Thesis Advisory Lecturers, Thesis Program Participants Students, Thesis Commission and related Institutions.

This guide outline contains four things, namely: (1) Introduction, (2) Provisions for Thesis Program, (3) Mechanism of Thesis Program Activities, and (4) Format Attachment as a reference for activities. Hopefully this Thesis Program Guide book is useful in an effort to increase the knowledge of animal husbandry students so that they can become professional researchers and meet competency standards. Thus, I hope that this TA program guidebook will be very useful, God willing, in the future. Amen

والسلام عليكم ورحمة الله وبركاته

Malang, February 2016

Thesis Commission

IDENTITY OF THE DESCRIPTION PROGRAM PARTICIPANTS

STUDENT IDENTITY

- 1.Full name :
- 2. NIM :
- 3.Study program :
- 4.Address :
.....
- 5. NumberMOBILE PHONE :

DESCRIPTION OF THE THESIS PROGRAM

- 1. Lecturer Supervisor:.....
- 2. Title Study:.....
- 3. Location Study:.....
- 4.Other Information:.....

Unfortunately,
Student,

.....
NIM.

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CHAPTER I INTRODUCTION

1.1. Definition

Understanding research is actually a process that is carried out systematically and supported by data to find answers to a question, solving a problem, or a deep understanding of a phenomenon (Leedy, 1997).

Furthermore, at FPP UMM it was implemented in the form of an academic program in the form of a series of activities carried out by applying scientific rules and methods in order to compile a scientific work, as part of a thesis to take a bachelor's degree. Writing scientific papers as a result of research for undergraduate students is called Thesis.

1.2. Goal

- a. Train students to explore problems in the field of agriculture in general to find answers which will then be raised in a research activity.
- b. Train students to be able to carry out activities systematically and methodically, so that these activities can be scientifically justified.
- c. Forming individuals and academic communities who are responsible for what has been carried out.
- d. As part of the student's thesis to obtain a bachelor's degree at the Faculty of Agriculture, Animal Husbandry, UMM.

1.3. Target

The target to be achieved in the implementation of research is the compilation of scientific work/thesis as part of the real activities of individuals and the academic community who are scientifically accountable.

CHAPTER II THESIS PROVISIONS

2.1. Credit Weights and Research Stages

Research at FPP UMM for all majors weighs 6 (six) credits consisting of:

- a. Proposal Preparation
- b. Research Implementation & Monitoring
- c. Thesis Report Writing
- d. Research Results Seminar
- e. Final Examination/Trial.

2.2. Operationalization

2.2.1. Theme

Each student and or group of students who will carry out research can raise/take research problems/themes freely according to their respective majors/study programs, as long as they do not carry out duplication, replication and plagiarism in detail on the research that has been carried out. According to the type of research, students can choose 2 types of research themes, namely:

1. Independent Research Theme

Research with independent themes can be carried out by students with reference to agriculture in general

2. Umbrella Program Research Theme

If the student chooses the theme of this research, then the student must follow the main research theme which has been determined periodically by the Department as the Research Umbrella and is determined through the Dean's Decision Letter.

2.2.2. Title

The title of the research can be described from the research themes of an established Research Umbrella, except for independent research.

2.2.3. Time

Research can be carried out in the seventh semester with the condition that students have taken 120 credits with a GPA of more than 2.0 and have passed all courses, and have completed and submitted a PKL Report.

2.2.4. Location

Research can be carried out anywhere in accordance with the wishes of the student/student group and or at the direction of the Head of the Department and the Advisory Lecturer.

2.2.5. Research Material

The materials that will be used as research are all commodities that are directly related to Agricultural sciences in general according to their respective majors.

2.2.6. Special Research

Especially for research that follows/grafting/collaborating with research conducted by other parties outside FPP UMM, students are required to report to the Faculty cq. Vice Dean I. While the research that transplanted to UMM lecturers, refers to the Decree of the Chancellor cq. Director of DPPM UMM. Both types of research, technically will be regulated separately through special regulations.

CHAPTER III

THESIS REQUIREMENTS

3.1. Administration Requirements

To be able to carry out research, every student of FPP UMM must meet the following administrative requirements:

- a. Register yourself to take research by filling out the available forms and their attachments
- b. Registration time is done after completing the PKL exam/seminar and or the PKL report has been submitted to the Department/Prodi,
- c. Registered as a student in the current academic year when submitting the thesis as evidenced by the current semester herregistration receipt and currently programming online for the Thesis.

3.2. Academic Requirements

- a. Have collected a minimum of 120 credits with a GPA 2 as evidenced by Academic Transcripts and overall Study Result Cards (KHS).
- b. Have passed all the expertise courses that support the research theme and research methodology courses.
- c. Have taken the Field Work Practice and Agropreneurship Practice, and passed the test as evidenced by a photocopy of the certificate/Minutes of Examination/Seminar as well as the presence of street vendors and Agropreneurship Practices.

3.3. Supervisor and Examiner Requirements

- a. Thesis supervisor is a permanent lecturer or part-time permanent lecturer at the Faculty of Agriculture, Animal Husbandry, University of Muhammadiyah Malang who already has academic authority according to the Higher Education Decree which states that the thesis supervisor must have the functional rank of Lecturer and have a minimum education of S-2 for the main supervisor and have an NIDN.
- b. The main supervisor's field of science must be in accordance with the research field taken by the student, while the assistant supervisor must adjust to the considerations of the Thesis Commission.

- c. Supervisor/Examiner is a Permanent Lecturer or Part Time Lecturer who is active in the teaching and learning process (at least 75% attendance per semester) and is willing to guide according to the provisions. Other provisions related to these terms, will be regulated in special regulations. The management of research registration can be seen in Figure 3.1.

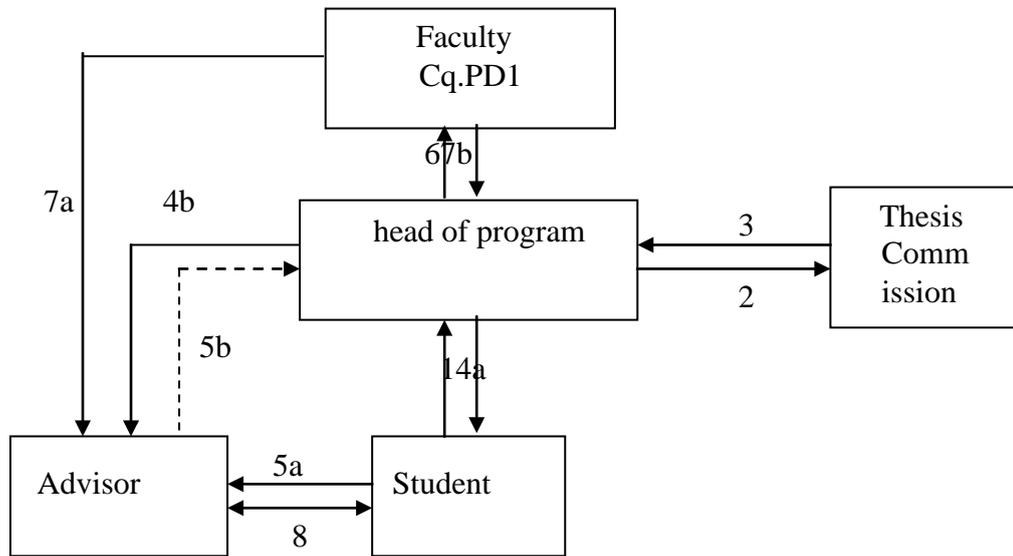


Figure 3.1. Research Registration Management Diagram

CHAPTER IV

THESIS IMPLEMENTATION PROCEDURE

4.1. Socialization and Debriefing

Prior to the implementation of the Thesis Program activities, it is necessary to provide briefing to prospective thesis participants as follows:

4.1.1. Purpose of Socialization and Debriefing,

The objectives of the implementation of socialization and debriefing, among others:

- a. Understand and appreciate the basic concepts, meanings, objectives, approaches, programs, implementation, monitoring and evaluation of thesis program activities
- b. Get information about the situation, conditions, and research opportunities of livestock
- c. Have insight into research methods
- d. Have knowledge and practical skills so that they can carry out research well
- e. Develop the ability to use time efficiently
- f. Develop a group work strategy

4.1.2. Debriefing and Training Materials.

The preparation of the thesis that will be carried out consists of:

- a. Implement comprehensively pedagogical, professional, social, and personality competencies in the research field
- b. Building a foundation for student identity by directly feeling the research culture in the field
- c. Observing managerial systems and strategies in the research world
- d. Preparing the initial abilities of prospective PUP students related to the ability to develop theoretical abilities to be applied in research
- e. Provide direct experience for prospective PUP students to enter the field of research

4.2. Registration Implementation Procedure

- a. Students fill out the Research submission form along with its attachments (C1, C2, C3). All blanks can be obtained at the TU Faculty, the rest is kept by students for further activities.
- b. Before registration is carried out, it is recommended to have compiled a Term of Reference (TOR) regarding the research plan
- c. After all the blanks are filled in, the student submits it to the Thesis Commission/Head of Department, along with all attachments to be submitted to the Thesis Commission Meeting to obtain approval and recommendation on the academic eligibility and disposition of the prospective supervisor.
- d. The draft of the Prospective Supervisor (C3) is determined on the basis of academic and administrative considerations in the Thesis Commission meeting, to be followed up by submitting the draft to the prospective supervisor with a copy of the student.
- e. After students receive recommendations on the feasibility of the research TOR to be carried out, students can conduct initial consultations with prospective supervisors by showing a draft recommendation of feasibility and or a copy of the draft disposition of prospective supervisors (C2 & C3).
- f. If the prospective supervisor has approved the draft, then the blank (C3) is handed back to the Thesis Coordinator/Head of Department to be forwarded to the Dean cq. Assistant Dean I, for the issuance of the Supervisor's Assignment Letter.
- g. If the Prospective Supervisor is not willing to become a supervisor, the draft is still submitted to the Thesis Coordinator for coordination with the Head of Department and Assistant Dean I.
- h. The Supervisor's Assignment Letter (Sample) is made in 5 (five) copies of which 2 (two) are addressed to each Supervisor, and a copy of 1 (one) for students, 1 (one) for majors and 1 (one) archive. This activity was carried out by bag. Administration of FPP UMM (Assignment of Collective Guidance to be efficient)

4.3. Thesis Commission Meeting

- a. The Thesis Commission Meeting (abbreviated as Komta) is a special meeting in the academic field to determine the feasibility of the Term of Reference (TOR) or the summary of research plans submitted by students as well as the determination of supervisors, with the aim that each research can be directed according to the rules

scientific principles and do not deviate from the Research Umbrella which has been determined periodically by the Department through a Faculty Decree.

- b. The Thesis Commission consists of 4 (four) people, consisting of the Chairperson of the Thesis Commission and three members
- c. In accordance with its objectives, Komta Meetings can be held collectively & cumulatively (a number of research TORs that have been submitted by several students to be reviewed at the same time).
- d. The Committee Meeting must be attended in person by all members of the Committee, except in certain circumstances it can be done through communication/telephone, as long as the attendance is not less than 3 members.
- e. The Committee Meeting schedule can be carried out at any time according to the submission and on the basis of the approval of the Chairperson of the Thesis Commission
- f. As material in the Komta meeting is the Student Research Application Form (D1) and the summary or term of reference (TOR) of the research plan that has been submitted by the student, along with other requirements.
- g. The results of the Komta meeting are recommendations for the feasibility of the proposed research TOR, a draft disposition of prospective supervisors in accordance with the decisions of the meeting results.
- h. The Komta Assembly has the right to reject, change, reduce, add, and or improve all and or part of the items in the terms of reference (TOR) that have been submitted by students.
- i. If the Komta meeting recommends rejecting and/or changing, the student must resubmit a new term of reference (TOR).
- j. If the Komta meeting recommends reducing, adding, improving and or accepting, then direct recommendations can be given to students, complete with a draft guidance form.
- k. No later than 1 (one) week after the recommendation results are received, students must follow up on the results of the meeting's decision and complete the related administrative requirements.
- l. As soon as the results of the Komta meeting recommendations in terms of reference (TOR) and the draft of the candidate for Guidance are received, immediately carry out consultations with the Supervisor, to get approval for guidance and preparation of research proposals.

4.4. Preparation of Research Proposals

- a. Substantively, research proposals/proposals must not deviate from the recommendations in the Draft or terms of reference (TOR) that have been determined by the Komta meeting. The preparation of proposals that deviate from the results of the draft recommendations or terms of reference (TOR), may result in the cancellation of the entire research implementation.
- b. If there is a change from the results of the recommendations that have been set in the Draft or terms of reference (TOR), students are required to report to the Thesis Coordinator, with a copy to the Head of the Department and the Assistant Dean I, for further coordination meetings for the Komta.
- c. No later than 1 week after receiving a recommendation on the Draft or term of reference (TOR), students are required to carry out consultations with the Supervisor and submit all related files.
- d. Each consultation implementation, accompanied by filling in the Guidance Monitoring Card (C4)
- e. In order to achieve effectiveness, the completion of the entire proposal (until the proposal is signed) is carried out no later than 1 (one) month. So both students and supervisors are required to adjust the time limit. (what is monitoring)
- f. If by the time limit specified, it turns out that the proposal has not been completed, then both students and supervisors can report to the Thesis Coordinator with a copy to the Head of the Department and the Assistant Dean I, to get proper handling and solutions.
- g. Matters related to the decision in handling the problem in point f, will be determined based on the results of the Komta meeting with several alternative decisions, including calling students for questioning, other technical assistance, transfer/change of supervisors and other policies.
- h. The proposal is declared complete if it has been approved and signed by all supervisors and approved by the Head of the Department (on behalf of the Department) and the Assistant Dean I (on behalf of the Faculty). The proposal is then covered and printed as many as 4 copies (2 for supervisors, 1 for Thesis Commission and 1 for student archives).

- i. Submission of proposals to each party is carried out simultaneously with the Notification Letter/Report on Research Start (C5). Meanwhile, archives for students are used for the benefit of students for further activities. The procedure for implementing research & monitoring can be seen in Figure 4.1.

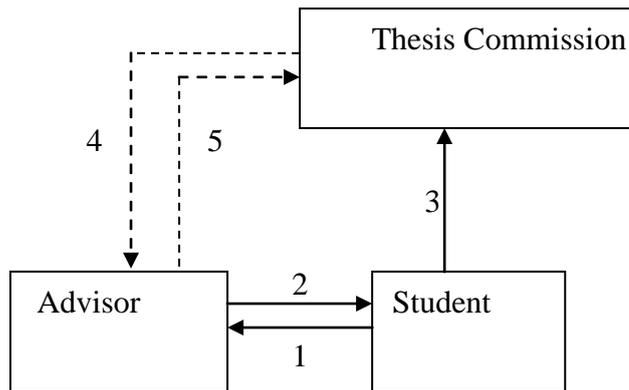


Figure 4.1. Research & Monitoring Implementation Procedure Diagram

4.5. Seminar Proposal/Research Proposal

- a. Research Proposal Seminar is a scientific activity carried out in order to explain research plans to be carried out in order to obtain theoretical inputs and can be scientifically accounted for in front of the public.
- b. The target to be achieved in this seminar is to form a person who is honest and responsible and has academic skills.
- c. The Research Proposal Seminar is carried out by students (Pemrasaran) who will carry out research and attended by Academic Examiners: 1 lecturer staff, (determined by the Thesis Coordinator) supervised by Supervisor (2 people) led by Chair of Session (1 student determined by Pemrasaran) , General Examiners (6 students who have been registered by Marketing) and General Participants (academics of FPP UMM).
- d. The implementation of this Research Results Seminar can be carried out if the Supervisor has agreed to conduct the Seminar and has signed the Research Proposal and in its implementation is attended by at least 10 general participants.
- e. A Summary of Research Proposal is a written paper in the form of a research proposal and a study of supporting theories (as much as possible)

3 pages spaced 1 including bibliography), which is systematic and written in accordance with the Abstract/Research Summary Format.

- f. To carry out the Seminar, students are required to register with the Thesis Coordinator by filling out a Seminar Request Letter (C7) signed by the Supervisor and other forms (forms C8, C9, C10, C11).
- g. Students can conduct seminars after the Seminar Attendance Card has a seminar attendance rate of 10 times (C6).
- h. The Thesis Coordinator is required to schedule the seminar no later than 1 (one) week after students register for the seminar. However, the exact schedule can basically be determined by agreement of the student with the Thesis Supervisor and Coordinator.
- i. All submissions of documents for seminar materials to Academic Examiners and Advisors are managed by the Thesis Coordinator, including Examiner Assignment Letter (C8), Seminar Invitation (C9), Open Announcement (C10), Seminar Minutes (C11) and Seminar Attendance List (C12) . Meanwhile, the files for the General Examiners, Session Leaders and General Participants are submitted by the students themselves.
- j. The duration of the seminar is 1 (one) hour and students are required to use multimedia facilities.
- k. The assessment is carried out by looking at the ability to present research results along with supporting theories, the ability to answer questions from the Academic Examiners, General Examiners and General Participants as well as the orderliness and smooth running of the seminar.
- l. After the seminar is finished, the Supervisor must submit the Minutes of the Seminar and its attachments to the Thesis Coordinator. The procedure for conducting a research proposal seminar can be seen in Figure 4.2.

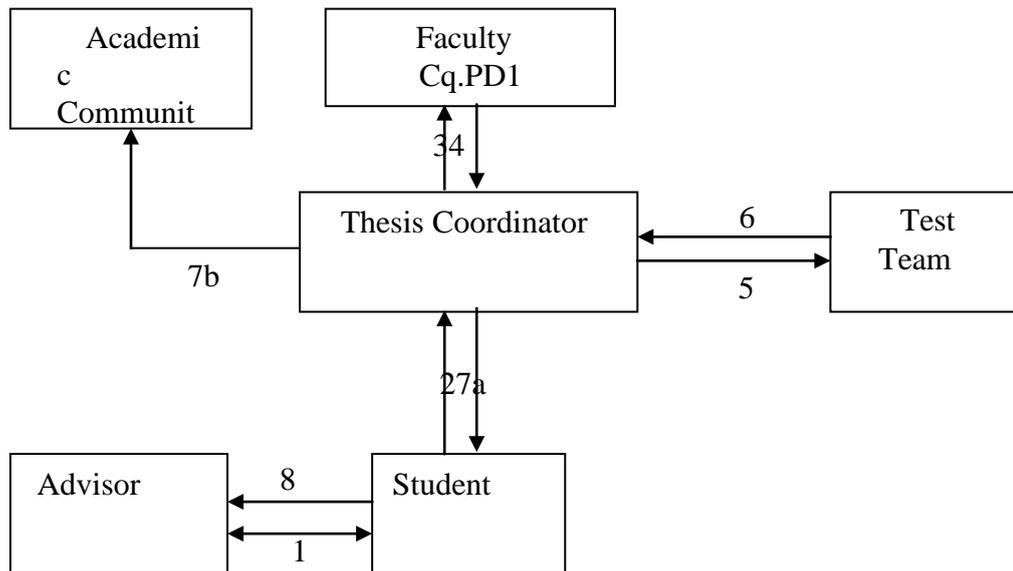


Figure 4.2. Diagram of the Procedure for the Implementation of the Research Proposal Seminar

4.6. Research Implementation

- a. The research is carried out by submitting a Research Start Notification (C5) (research permit) attached with an approved and approved proposal to the Thesis Coordinator.
- b. Students are required to report the start of research to the Thesis Commission, no later than 3 (three) days before the research begins.
- c. Each supervisor is obliged to carry out monitoring and review in the field, at least once during the research by filling out the Monitoring Card. (Are fees provided / from students)
- d. Every activity carried out during the research must be written/recorded in a research log book (which is made by the students themselves), while some important activities must be documented in the form of photos and at certain times communicated to the Supervisor, to monitoring and review is carried out.
- e. The research is declared over and completed if each Supervisor has signed the Research Monitoring Card (C4) point 7.

4.7. Preparation and Guidance of Research Reports

- a. The research/thesis report is prepared according to the specified format, as contained in the appendix and follows the procedures for writing scientific papers (chapter IV).
- b. No later than 2 (two) weeks after the research is declared complete, students are required to immediately consult with the supervisor to make a thesis draft.
- c. Every consultation activity with the Supervisor, must be accompanied by the signing of the Guidance Monitoring Card (C4)
- d. For time effectiveness and other related matters, the implementation of consultation/guidance shall be completed a maximum of 10 times and/or for a maximum period of 3 months, whichever comes first.
- e. If until the specified time limit, it turns out that the mentoring has not been completed, then both the Student and the Supervisor, can report to the Thesis Coordinator with a copy to the Head of the Department and the Assistant Dean I, to get proper handling and solutions.
- f. Matters related to the decision in handling the problem in point e, will be determined based on the results of the Komsa meeting with several alternative decisions, including calling students for questioning, transfer/change of supervisors and or other policies.
- g. The thesis is declared complete and ready to be submitted in the Trial/Thesis Examination if it has been approved and signed by all supervisors without being approved by the Head of the Department or the Dean.
- h. Thesis as material for the Session Examination is then reproduced by 5 copies (2 for supervisors, 2 copies for Examiners, 1 copy for Thesis Coordinator (as an attachment to the exam application letter) and 1 for student archives.

4.8. Trial/Thesis Examination

- a. The Trial Examination is a final examination for students in the academic field which aims to comprehensively test theoretical and scientific abilities in the field of animal husbandry by raising the main theme related to scientific works/scripts produced from research activities.
- b. The Trial Examination must be taken by every student to complete undergraduate studies and obtain a bachelor's degree.

- c. Because it raises the main theme related to the research report/thesis, the thesis that has been prepared must have been approved by the supervisor, then printed using a plain cover without being bound and reproduced 5 times.
- d. The Trial Examination is carried out orally and individually by students in front of the Examiner Board consisting of 2 Supervisors as Academic Examiners, 2 Academic Examiners appointed by the Faculty.
- e. Session exams can be carried out if students have taken and completed all academic activities according to the curriculum including PKP, PUP, KKN, research proposals and research seminars.
- f. The procedure is that students are required to register in the department no later than 2 weeks from the time the thesis is approved by the supervisor with the Session Examination Application Letter Form (C13) complete with the required attachments.
- g. The examination can be carried out if the Thesis Commission has set a schedule and all documents have been sent to the entire Examiner Board.
- h. The thesis examination is carried out no later than 1 (one) month after the research report is approved by the supervisor
- i. The trial is held on a scheduled basis and lasts for 2 (two) hours.
- j. Students are required to submit 5 (five) copies of the research report a maximum of 2 (two) days prior to the implementation of the thesis exam to the TA Coordinator which will be submitted to the department 1 (one) copy, 2 (two) copies are submitted to both supervisors and 2 (two) copies to each examiner.

The management of this procedure is carried out by the TU Department

- k. The trial examination is carried out in a special and closed manner and is declared valid if it is attended by trial examiners, 2 (two) supervisors and two examiners. The main advisor acts as chairman of the session (C14).
- l. During the session, students are required to wear special clothes (white shirt, tie, black bottom and wear alma mater coat) and in their presentations use multimedia facilities
- m. Students are required to fill out and submit the minutes of the thesis exam (D15) to the supervisor shortly before the thesis exam begins.

4.9. Trial Examination Assessment

- a. The trial examination is declared complete if the minutes of the trial examination have been signed by the entire board of examiners

- b. The results of the assessment of the trial exam are accumulated scores starting from the preparation of proposals, conducting research, preparing reports and conducting trial exams with a comprehensive assessment proportion.
- c. The results of the trial exam decisions are of 4 types, namely Passed, Passed with thesis revision/revision, Passed with certain assignments and Failed.
- d. If the trial exam is declared Failed, then the student is obliged to repeat the trial exam by re-registering to the Thesis Coordinator. While the schedule is determined on the basis of decisions in the trial. Re-exams can only be done 1 (one) time.
- e. If it is declared Passed with repairs/revisions and or certain assignments, then no later than 1 week since the exam is carried out, the revisions/tasks must be completed. The procedure for conducting the trial can be seen in Figure 4.3.

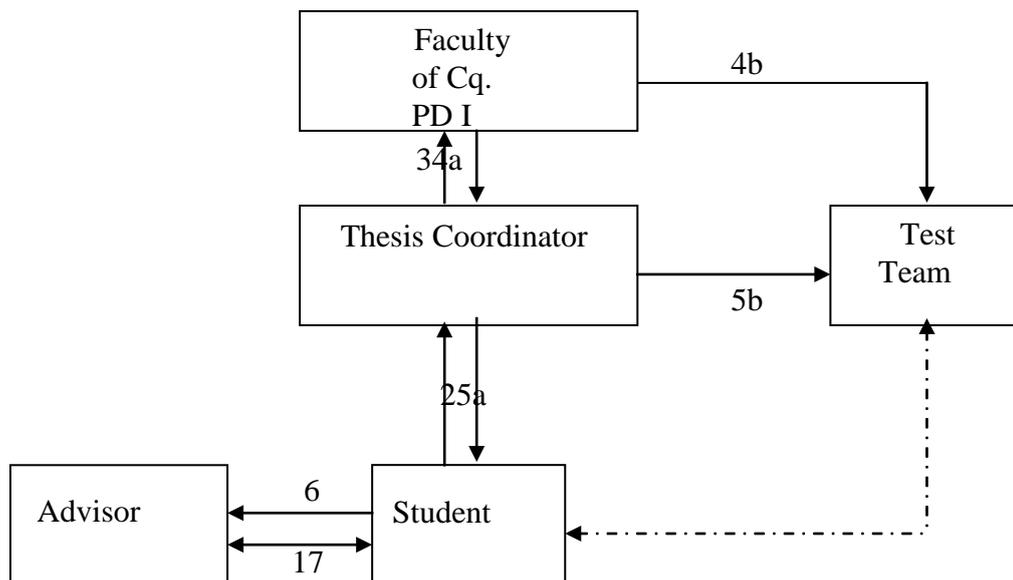


Figure 4.3. Diagram of the Procedure for the Implementation of the Trial Examination

4.10. Thesis/Final Report

- a. The thesis is declared complete and eligible to be bound/covered if the report has been signed by the supervisor and examiner.
- b. The final thesis is made in at least 3 copies to be submitted by Faculty 1 copy, Department 1 copy and the rest for students.

- c. Each thesis must be accompanied by a poster and or real product if innovative research is produced.
- d. Submission of the thesis to the Faculty & Department will be given a valid receipt.

4.11. Supervisor/Examiner Tasks

- a. Guiding students from the preparation of research proposals to the preparation of research reports and must attend seminars and student thesis exams.
- b. Conduct field visits to carry out monitoring and sign the Research Monitoring Card and Thesis, Research log book and provide direction in problem solving and student analysis of research results
- c. Must attend the seminar on research results as a guide and must attend the student thesis exam as an examiner and provide grades from the initial process to the thesis exam.
- d. Examining Lecturers other than supervisors are tasked with providing suggestions, input, and questions to improve research reports.
- e. During the examination, the supervisor and examiner are required to fill out the minutes of the thesis examination in 2 (two) copies.

4.12. Thesis Program Evaluation

Evaluation of Thesis Program has 2 (two) interests, namely:
forthe importance of assessing
student achievement and improving Thesis Program.

4.12.1. The value of the Research Proposal Seminar is an assessment of the aspects:

- a. Attendance at proposal guidance
- b. Discipline of participants in guiding proposals
- c. The neatness of the participants in the guidance of the proposal
- d. Activeness in following the guidance of the proposal
- e. Courtesy in following the guidance of the proposal
- f. The accuracy of submitting research proposals
- g. Systematics of writing research proposals

- h. Research proposal writing and language
- i. Completeness of the contents of the research proposal
- j. Neatness and layout of research proposal components
- k. Readability level of research proposal
- l. Presentation of research proposal seminar
- m. Research proposal seminar discussion
- n. Accuracy in answering questions in research proposal seminars

4.12.2. The value of the Thesis Trial Examination, namely the assessment of the aspects:

- a) Attendance in thesis report consultation
- b) Active in thesis report consultation
- c) Courtesy in consulting thesis reports
- d) Attendance in thesis report consultation
- e) Discipline in consulting thesis reports
- f) The accuracy of the submission of the thesis report
- g) Systematics of writing a thesis report
- h) The writing and language of the thesis report
- i) Completeness of the contents of the thesis report
- j) Neatness and layout of thesis report components
- k) The level of readability of the thesis report
- l) The logic of the order of presentation of the thesis report
- m) The substance of the thesis report
- n) Conclusion suggestions and attachments to the thesis report
- o) Presentation of thesis report
- p) Discussion in the thesis report exam
- q) Accuracy in answering thesis report exam questions

4.12.3. Assessment criteria.

The assessment criteria are carried out after there is an official report on the thesis trial. Guidelines for the transfer of test scores for the thesis trial can be seen in Table 4.1. as follows:

Table 4.1. Research Criteria for Thesis Trial Examination

Standard Score	Letter Value	Letter Notation
3.50 - 4.00	A	Special
3.00 - 3.49	B+	Very well
2.50 - 2.99	B	Well
2.00 – 2.49	C+	Pretty good
1.50 - 1.99	C	Enough

4.13. Thesis Program Activity Time**4.13.1. Thesis Program Time**

The duration of the Thesis Program is carried out between 2 to 4 months which is carried out in the seventh semester after the PUP activities are completed.

4.13.2. Thesis Program Activity Schedule

The Thesis Program activity schedule is arranged by adjusting the academic calendar that has been prepared by the University with the sequence of activities as shown in Table 4.2. as follows:

Table 4.2. Thesis Program Activity Schedule

No.	THESIS ACTIVITIES	TIME
1.	Thesis Program Participant Registration	Every Beginning (3rd week) & Middle (11th week) of Even and Odd Semesters November
2.	Thesis Briefing	Every 1 week after SK Mid-November Thesis Supervisor
3.	Implementation of Thesis Program	Must be completed no later than 6 months after obtaining a Thesis Advisory Letter November-February
4.	Thesis Exam Period	Minimum 2x every semester, a month before the scheduled graduation time set by BAA UMM
5.	Deadline for Submission of Thesis Report	Slowest 1 month after implementation exam thesis

**THE EFFECT OF GIVING *Curcuma xanthorrhiza*, Rob.
ON THE PHYSIOLOGICAL
STATUS OF BROKER CHICKEN**

**TERM OF REFERENCE (TOR)
RESEARCH PROPOSED**



FIRYANADHIRA IMTIYASMI SYARIEAH
ID :

**FACULTY OF AGRICULTURE AND
ANIMAL SCIENCE MUHAMMADIYAH
UNIVERSITY MALANG 2015**

OUTER COVER

- 1. Background**
.....
.....
- 2. Formulation of the problem**
.....
.....
- 3. Destination**
.....
.....
- 4. Target**
.....
.....
- 5. Support Libraries**
.....
.....
- 6. Operationalization**
 - 6.1. Time and place**
.....
.....
 - 6.2. Materials and Tools**
.....
.....
 - 6.3. Variable Limitation and Observation Method**
.....
.....
- 7. Methodology**
 - 7.1 Research methods**
.....
.....
 - 7.2. Experimental design**
.....
.....
 - 7.3. Treatment**
.....
.....
 - 7.4. Trial Plan**
.....
.....
 - 7.5. Data analysis method**
.....
.....
- 8. Implementation Plan**
 - 8.1. Preparation**
.....
.....
 - 8.2. Research Implementation**
.....
.....
 - 8.3. Data retrieval**
.....
.....

8.4. Timetable

Bibliography

**THE EFFECT OF GIVING *Curcuma xanthorrhiza*, Rob.
ON PRODUCTIVITY AND HEALTH LEVEL OF BROILER
CHICKEN**

RESEARCH PROPOSAL

To Meet the Requirements
for Obtaining a Bachelor's
Degree



FIRYANADHIRA IMTIYASMI SYARIEAH

NIM :

**FACULTY OF AGRICULTURE AND
ANIMAL SCIENCE UNIVERSITY
MUHAMMADIYAH MALANG YEAR**

RESEARCH PROPOSAL

**THE EFFECT OF GIVING Curcuma xantorhizha, Rob.
ON PRODUCTIVITY AND HEALTH LEVEL OF BROKER
CHICKEN**

By:
FIRYANADHIRA IMTIYASMI SYARIFAH
NIM :

Compiled and implemented based on the Decree of the Dean of the
Faculty of Agriculture, Animal Husbandry, University of
Muhammadiyah Malang numberand Thesis Commission
recommendation
Faculty of Agriculture and Animal Husbandry UMM on :

Approved:

.....

Main Advisor

an. Dean

Deputy Dean I,

.....

NIPUMM.

.....

.....

Companion Advisor

Unfortunately,

.....

Head of the Department of
Animal Husbandry,

.....

.....

NIPUMM.

Appendix 4.5. Sample Research Proposal Format

**OUTER COVER
TITLE PAGE
APPROVAL/CERTIFICATION PAGE
TABLE OF
CONTENTS**

I. Introduction

- 1.1. Background**
.....
- 1.2. Formulation of the problem**
.....
- 1.3. Destination**
.....
- 1.4. Target**
.....

II. LITERATURE REVIEW

- 2.1. Broiler**
.....
- 2.2. Physiological Status of Broilers**
.....
- 2.3. Broiler Productivity**
.....
- 2.4. *Curcuma xantorrhiza*, Rob.**
 - 2.4.1. Potential of *Curcuma xantorrhiza*, Rob.**
.....
 - 2.4.2. Chemical Characteristics of *Curcuma xantorrhiza*, Rob.**
.....
 - 2.4.3. Physiological Effects of *Curcuma xantorrhiza*, Rob.**
.....
- 2.5. Hypothesis**
.....

III. RESEARCH METHODOLOGY

- 3.1. Time and place**
.....
- 3.2. Materials and Tools**
 - 3.2.1. Research Material**
.....
 - 3.2.1. Materials and tools**
.....

.....
3.3. Variable Limitation and Observation Method
.....

.....
3.4. Research methods
.....

.....
3.4.1. Experimental design
.....

.....
3.4.2. Treatment
.....

.....
3.4.3. Trial Plan
.....
.....

3.5.. Data analysis method

.....
.....

3.6. Implementation

3.6.1. Preparation

.....
.....

3.6.2. Research Implementation

.....
.....

3.6.3. Data retrieval

.....
.....

3.7. Timetable

**BIBLIOGRAPHY
ATTACHMENT**

**THE EFFECT OF GIVING *Curcuma xanthorrhiza*, Rob.
ON PRODUCTIVITY AND HEALTH LEVEL OF BROKER
CHICKEN**

THESIS

To Meet the Requirements
for Obtaining a Bachelor's
Degree



FIRYANADHIRA IMTIYASMI SYARIFAH

NIM :

**FACULTY OF AGRICULTURE AND
ANIMAL SCIENCE MUHAMMADIYAH
UNIVERSITY MALANG YEAR**

APPROVAL PAGE

**THE EFFECT OF GIVING Curcuma xantorhizha, Rob.
ON PRODUCTIVITY AND HEALTH LEVEL OF BROKER
CHICKEN**

By:
FIRYANADHIRA IMTIYASMI SYARIFAH
NIM :

Approved by :

Main Advisor

Date,

.....
UMM NIP
.....

Companion Advisor

Date,

.....
UMM NIP
.....

Malang ,.....
Approved:

An. Dean,
Deputy Dean I,

Head of program,

.....
UMM NIP
.....

.....
UMM NIP

THESIS

**THE EFFECT OF GIVING Curcuma xantorhizha, Rob.
ON PRODUCTIVITY AND HEALTH LEVEL OF BROKER
CHICKEN**

By:
FIRYANADHIRA IMTIYASMI SYARIFAH
NIM :

Compiled based on the Decree of the Dean
Faculty of Animal Science, University of Muhammadiyah Malang
number and Thesis Commission
recommendation
Faculty of Agriculture and Animal Science UMM on :
and the decision of the Trial Examination held on

Examiner Board:

.....
Principal / Principal Advisor

.....
Member/Assistant Counselor

.....
Member

.....
Member

Malang,.....
Validate:

Dean,

Head of program,

.....
UMM NIP
.....

.....
UMM NIP

Appendix 4.8. Sample Thesis Format

OUTER COVER
TITLE PAGE
APPROVAL/CERTIFICATION PAGE
APPLICATION PAGE (Not Required)
SUMMARY (Indonesian and English)
PREFACE PAGE
TABLE OF CONTENTS
TABLE LIST PAGE
PICTURE LIST PAGE
APPENDIX LIST PAGE

I. Introduction

1.1. Background
.....
.....

1.2. Formulation of the problem
.....
.....

1.3. Destination
.....
.....

1.4. Target
.....
.....

II. LITERATURE REVIEW

2.1. Broiler
.....
.....

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.....
.....

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.....

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.....
.....

2.4.2. Chemical Characteristics of *Curcuma xanthorrhiza*, Rob.
.....
.....

2.4.3. Physiological Effects of *Curcuma xanthorrhiza*, Rob.
.....
.....

2.5. Hypothesis
.....
.....

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3.1. Time and place

.....
.....

3.2. Materials and Tools

3.2.1. Research Material

.....
.....

3.2.1. Materials and tools

.....
.....

3.3. Variable Limitation and Observation Method

-
-
- 3.4. Research methods**
-
- 3.4.1. Experimental design**
-
- 3.4.2. Treatment**
-
- 3.4.3. Trial Plan**
-
- 3.5.. Data analysis method**
-
- 3.6. Implementation**
- 3.6.1. Preparation**
-
- 3.6.2. Research Implementation**
-
- 3.6.3. Data retrieval**
-
- 3.7. Timetable**
-
-

IV. RESULTS AND DISCUSSION

- 4.1. General condition**
-
- 4.2. Special Conditions**
-
-

V. CONCLUSIONS AND SUGGESTIONS

- 4.1. Conclusion**
-
- 4.2. Suggestion**
-
-

**BIBLIOGRAPHY
ATTACHMENT
BIOGRAPHY
STATEMENT LETTER**

**FACULTY OF LIVESTOCK AGRICULTURE
UNIVERSITY MUHAMMADIYAH MALANG**

RESEARCH PROPOSAL SEMINAR

Name :NIM

NIM :

Department/Prog.St :

udy :

Advisor :

TITLE:

Paragraph 1 (contains the background).....

.....
..... etc.

Paragraph 2 (containing research objectives, goals and outputs
..... and next.

Paragraph 3 (contains the formulation of the problem)
.....

..... and next.

Paragraph 4 (contains a review of the most important literature)
..... and next.

Paragraph 5 (contains research method/chapter 3
..... and next.

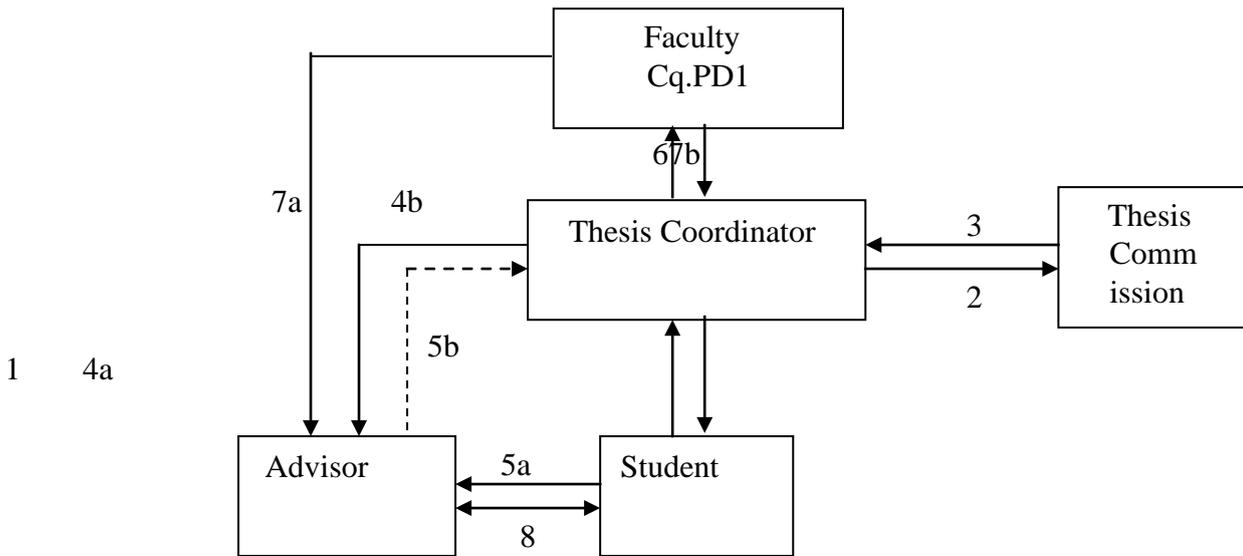
BIBLIOGRAPHY

(Bibliography used in paragraph 4).....

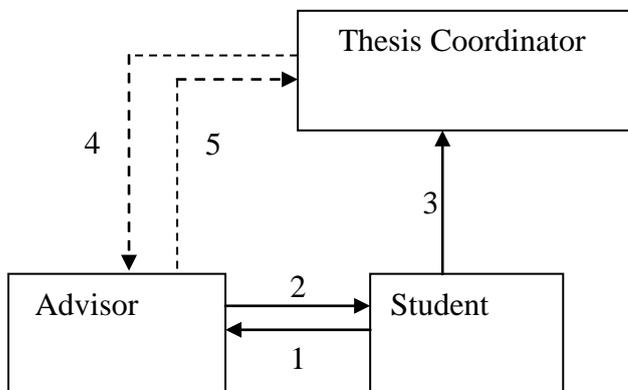
Notes :

The number of paragraphs, does not have to be 5, but follows the need

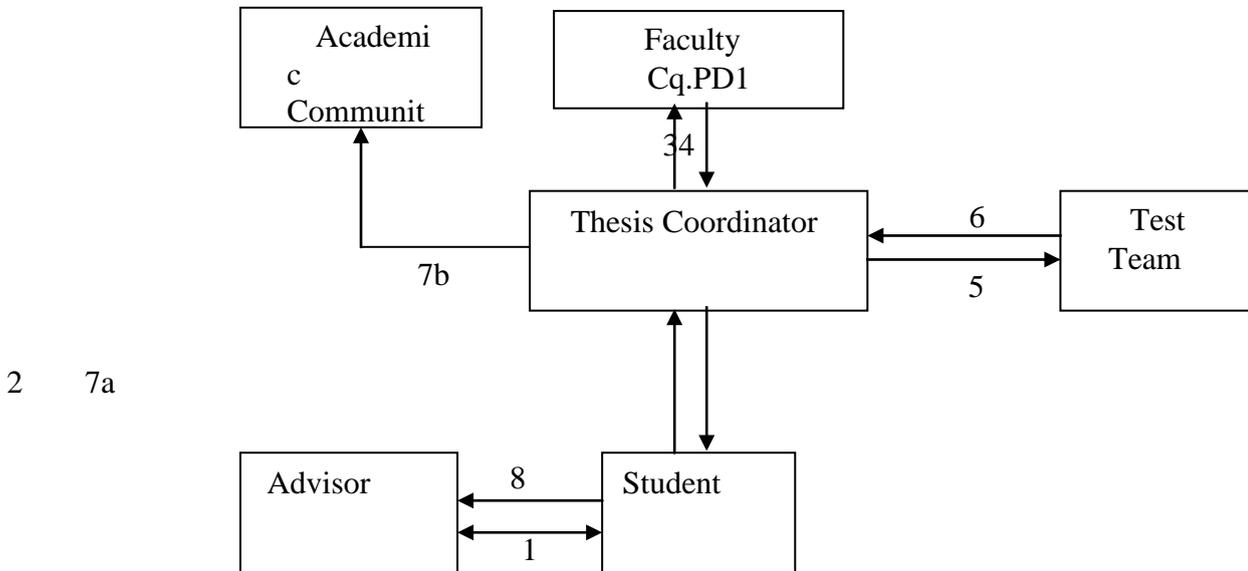
1. RESEARCH REGISTRATION MANAGEMENT DIAGRAM



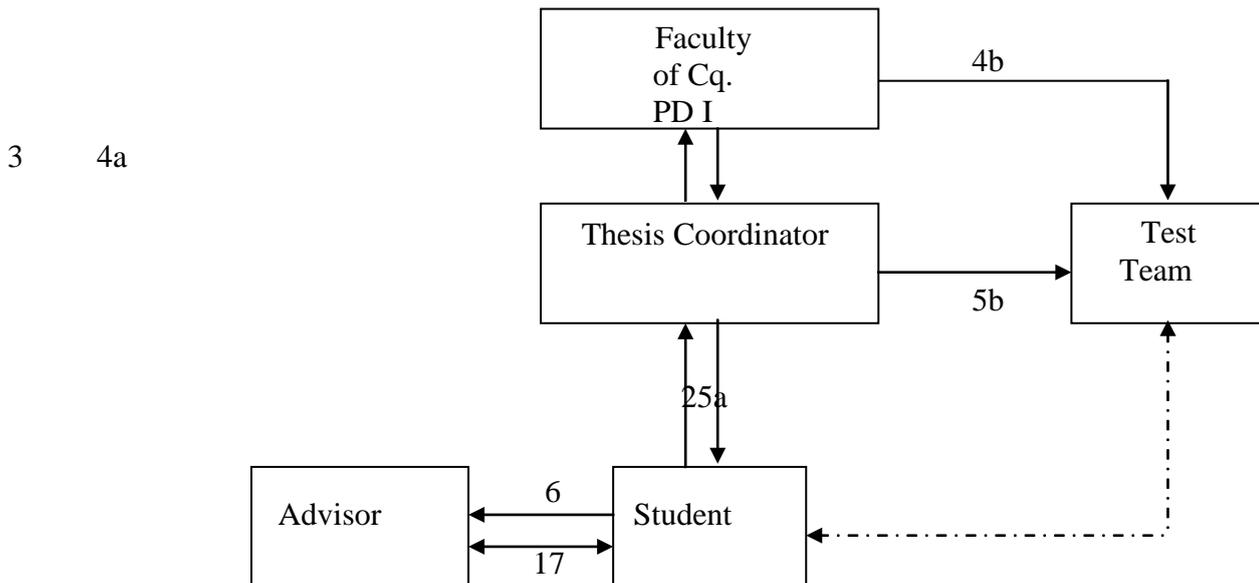
2. RESEARCH IMPLEMENTATION & MONITORING PROCEDURE DIAGRAMS



3. RESEARCH RESULTS SEMINAR PROCEDURE DIAGRAMS



4. DIAGNOSTIC PROCEDURE FOR IMPLEMENTING THE COURT EXAM



CHAPTER V

GENERAL RULES FOR WRITING SCIENTIFIC WORKS Thesis

5.1. Definition

The general rule of scientific paper reports is the procedure for writing and making reports that have been produced from a research thesis activity carried out by students of the Department of Animal Husbandry, Faculty of Animal Husbandry UMM.

The aim is to help students, lecturers and employees of the Department of Animal Husbandry, FPP UMM, carry out the management of scientific work. The target to be achieved is that all scientific works carried out by students of the Department of Animal Husbandry, FPP UMM in taking theses, meet the academic standards of a scientific work that applies in educational institutions.

5.2. General Sections of Scientific Work

Scientific work is basically divided into three important parts, namely the beginning, the main part and the end.

5.2.1. The Initial Part, in detail consists of:

1. Cover
2. Title page
3. Approval/Authentication Page
4. Designation Page (not required)
5. Summary- Summary/ Abstract- abstract (all italics) (Written in Indonesian and English)
6. Foreword Page
7. Table of Contents Halaman
8. Tables Page
9. Image List Page
10. Attachment List Page

Especially for proposals without numbers: 4, 5, 6, 8, 9 and 10

5.2.2. Main Part, consisting of:

1. Introduction
2. Literature Review/Theory Study
3. Methodology
4. Results and Discussion
5. Conclusions and recommendations

Especially for the preparation of Proposals without numbers: 4 and 5

5.2.3. The Final Part, consisting of:

1. Bibliography
2. Attachments
3. Statement letter
4. Biodata/ CV (with photo)

Especially for the preparation of proposals without numbers: 3 and 4

5.3. Typing Guidelines

5.3.1. Paper

The entire paper used in writing scientific papers (proposals and reports), research and theses uses HVS paper of A4 size (21.0 x 29.7 cm), weight 80 mg, clean white and one face (not back and forth). Especially for the dividing paper between chapters, you can use yellow paper with the same size as the manuscript paper. For the sake of propagation, it is done with clean photocopies.

5.3.2. Font type

Manuscripts that are typed on a computer use Times New Roman font, size 12 pica, and all manuscripts must use the same typeface and are not allowed to use other fonts. Especially for italics (italic) or bold (bold) is only used for certain purposes and for the use of letters in the form of symbols, symbols or certain signs, must be in accordance with the original.

5.3.3. Boundary/Margin

The margins/margins set in the page setup of the thesis/research proposal/scientific paper, from the edge of the paper are set as follows: top edge 4 cm, bottom edge 3 cm, left edge 4 cm and right edge 3 cm

5.3.4. Line spacing/Space

The distance between 2 (two) lines/spaces for all types in the Thesis Main Section is 2 (two) spaces. Whereas specifically for the Beginning and Ending Parts, typed with 1 (one) space down.

5.3.5. Typing Format

a. Room Filling

The space on the manuscript page must be filled in completely, meaning that typing must start from the left edge to the right border of the right edge, and no space is wasted unless it starts with a new paragraph, equation, list, picture, subtitle or other things. special one.

b. New alenia

The new paragraph starts at the 6th beat from the left margin, or 1.25 cm.

c. Beginning of sentence

Numbers, symbols, or chemical formulas that start a sentence, must be spelled, for example: "Twenty-one DOCs are declared dead before being transported by truck"

d. Beginning of sentence after period and comma

The new sentence after the period, starts on the third beat (second character), and after the 'comma' starts on the second beat (first character).

The title must be written in all capital letters, arranged symmetrically in the middle and in bold, with a distance of 4 cm from the top edge without ending with a period.

While the subtitles and subtitles are written from the left and all words begin with capital letters except for conjunctions and prepositions and all are typed in bold without ending with a period and the first sentence after the subtitle begins with a new paragraph. .

The subtitles are typed starting from the left border, but only the first letter is capitalized, without ending with a period. The first sentence after the sub-heading begins with a new paragraph.

e. Details down

If in the writing of the manuscript there are details that must be arranged downwards, use serial numbers with numbers or letters according to the degree of detail. The use of hyphens (-) placed in front of the details is not allowed.

f. Numbers and units

Numbers written at the beginning of a sentence or numbers under ten that do not use units (even in the middle of a sentence), must be written in letters.

Decimal numbers are marked with a comma, not with a dot eg egg weight 50.5 g. or seed length of 5.5 cm.

Units are expressed by their official abbreviations without a dot behind them, for example m, cm, g, kg, cal.

- The use of unit numbers (g, m, etc.) for example: ".....the average weight of kcdu chicken eggs is 5g/grain". 5 g to 5.0 g." "Average feed remaining 7 g/head/day"
- Non-unitary numbers are below 10, for example: "This study will compare five treatments, each repeated four times"
- The number at the beginning of the sentence: "One hundred and twenty five Tilapia fish seeds have been observed"

5.3.6. Numbering

This section is divided into page numbering, tables (lists), figures, and equations.

a. Page Numbering

The page number must be on the thesis/research report as well as on the research proposal.

The first part of the report, starting from the title page to the list of attachments, has been calculated with the page numbers using lowercase Roman numerals (i, ii, iii, iv, v, vi and so on). The number is listed only on certain pages that are more than one page. For example, certain pages that have more than one page, for example, for a table of contents that contains more than one sheet, the second page needs to be listed with page numbers in the previous order. The first page of this table of contents does not need to be numbered, but still counts. Likewise for the title page, validation and others, it is not necessary to include page numbers.

The main and final sections start from the introduction (Chapter I) to the last page, using Arabic numerals as page numbers (1, 2, 3 and so on). For pages with titles (new chapters) the page number is written at the bottom and is symmetrically centered, while for other pages, the page number is written in the upper right corner at a distance of 3 cm from the top and 3 from the right edge.

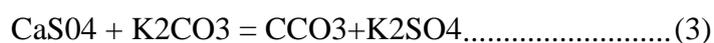
Page numbers are placed at the top right, unless there is a chapter title at the top of the page. For such a page, the page number is not included, but it is taken into account (there are but not written). Page numbers are typed at a distance, 3 cm from the right edge and 1.5 cm from the bottom edge

b. Table and Figure Numbering

Tables (lists) and figures are numbered sequentially with Arabic numerals.

c. Equation Numbering

The serial number of equations in the form of mathematical formulas, chemical reactions and others is written with Arabic numerals in brackets and placed near the right edge.



5.3.7. Table Writing

- a. The table number (list) followed by the title is placed symmetrically above the table (list), without ending with a period
- b. Tables (lists) may not be cut off, unless they are long, so that it is impossible to type them on one page. On the continued page of the label (list), the number of the table (list) is listed and continued, without a title.
- c. The columns are named and maintained so that the separation between one another is quite clear.
- d. If the label (list) is larger than the size of the paper width, it must be placed on the left side of the paper.
- e. Above and below the label (list) a boundary line is attached, so that it is separated from the main description in the paper.
- f. The table (list) is typed symmetrically
- g. Tables (lists) that are more than 2 pages or that must be folded are placed in the appendix.

An example of creating a Table is presented in Appendix 5.5a.

5.3.8. Image Writing

- a. Charts, graphs, maps, and photos are all called (undifferentiated) images.
- b. The image number followed by the title is placed symmetrically below the image without ending with a dot
- c. Image cannot be cropped
- d. Image captions are written in vacant places in the image and not on other pages.
- e. If the image is painted wide along the height of the paper, then the base of the image must be placed to the left of the paper
- f. The image size (width and height) is tried to be reasonable (not too thin or too fat).
- g. The scale on the graph must be made so that it is easy to use for interpolation or extrapolation.
- h. Charts and graphs are made with water-insoluble black ink and the complete line of the graph is made with the help of the French curve.

- i. The layout of the image is arranged so that it is symmetrical
An example of making Drawings is presented in Appendix 5.5b.

5.4. Language

5.4.1. Language and use

The language used is standard Indonesian (there is a subject and a predicate, and to make it more perfect, it is added with objects and descriptions)

5.4.2. Sentence form

Sentences may not display the first person or the second person (I, I, we, we, you and others), but are made in the passive form. In the presentation of the acknowledgment in the introduction, I was replaced with the author.

5.4.3. Term

The terms used are Indonesian terms or those that have been Indonesianized.

5.4.4. Common mistakes

- a. Conjunctions such as so, whereas, if, if, therefore, therefore, with, in connection, in, on, etc., should not be used to start sentences.
- b. Preposition. for example in, is often used inappropriately and is needed exactly like the words "where" and "of" in English in Indonesian, these forms are not standard and should not be used.
- c. The prefixes to and at must be distinguished from the prepositions to and at.
- d. Punctuation marks must be used correctly.

Example:

"In today's development period, the potential for livestock is very highrole."
(wrong).

"Potencyfarms in today's development period
.....veryrole." (correct)

"The growth of PO calves is greatly influenced by several factors, including when weaning feed,handling..."(wrong).

"The growth of PO calves is influenced by age,wean feed," (correct)

"Ruminants which have a rumen capable of digesting feeds with high crude fiber"
(false).

"Ruminants are able to digest feeds with high crude fiber because they have highrumen..."
..... (correct).

"Because the temperature of the cage is very high, the chicken will experience a decrease
in productionegg" (wrong).

"A very high cage temperature can cause chickens toexperience."
(correct)

5.5. Writing Person's Name

Writing the name includes the name of the author referred to in the description, bibliography, names with more than one word, names with connecting lines, names followed by abbreviations, and degrees of scholarship.

5.5.1. Name of the author referred to in the description

Authors whose writings are referred to in the description are only mentioned by their last names, and if there are more than 2 people, only the last names of the first authors are listed followed by et al or et al.

- a. According to Rasyaf (1985) the highest egg production
- b. The most suitable feed protein level for quail growth is 24 percent (Woodart et al, 1973) There are 4 people who wrote in example (c), namely Woodart AE, H. Abplanalp, WO Welson and Vohra.

5.5.2. Author's name in the bibliography

In the bibliography, all authors must be named, and not only the first author plus et al or et al. Just.

Example:

Woodart, A. E, H. Abplanalp, WO Welson and Vohra, 1973. Japanese. Quail

Not just: Woodart AE et al, or Woodart, AE et al. , 1973.

5.5.3. Names with connecting lines

If the author's name in the original source is written with a connecting line between the two syllables, the two are considered as one unit.

Example: Sulastin - Suffisno is written as Sulastin-Sutrisno.

5.5.4. Name followed by abbreviation

The name followed by the abbreviation is considered to be one with the syllable in front of it.

Example :

Mawardi AT written Mawardi AT Williams

D. Ross jr. written by Ross Jr, WD

5.5.5. Undergraduate degrees may not be listed

Degrees of scholarship may not be included in the writing of scientific papers, except in the foreword

5.6. Cover Making

The cover rules applied in the preparation of research proposals/proposals and theses consist of rules regarding cover paper, cover color and writing on the cover, Contents of the writing on the cover.

5.6.1. Cover Paper

The cover paper is made of A4 size Bfallo paper (21.0 x 29.7 cm) or other similar paper, and must be reinforced with cardboard and then coated with plastic/laminated. Especially for proposals, only use smooth buffalo paper without reinforced cardboard and laminating

5.6.2. Writing

The writing that is printed on the cover, uses black embossed writing (black ink).

5.6.3. Cover Content

The cover contains Title, Research Proposal/Thesis, Purpose of Compilation, UMM Logo, Author Identity (Name and NIM), Institution (Faculty of Agriculture and Animal Husbandry, University of Muhammadiyah Malang and Year of Writing. Except for the purpose of preparation, all writings use Capital letters with Times New Roman typeface , size 12.

5.6.4. Cover Color

The cover color for the entire thesis is green.

Annex 5.1. Examples of how to write library sources in the description

1. Author's name at the beginning of the sentence:

"Pandey (2005) stated that iodine is an important mineral in feed and is needed in the metabolism of nutrients"

"Devies, et al. (2004) stated that livestock growth is determined by genetic factors, nutrition, sex and hormones

2. Author's name in the middle of the sentence

According to Suyatno (2006), daily body weight gain of female quails ranges from Among"

"Wilson's (2004) research results show thatthat"

3. Author's name at the end of the sentence:

"Female quails reach sexual maturity and start laying eggs at the age of 5 to 6 weeks (Hughes et al., 2005)".

"Cattle that have low feed conversion can be used as a selection for cattle that have high body weight (Marks, 2002)".

4. Two authors:

Statements made by two people must be written both:

"Nugroho and Marlin (2005) proved that quail fed with a protein content of 24 percent had the highest feed conversion

"Low metabolic energy in seaweed causes a decrease in body weight gain and egg production (Kompang and Matondang, 2003)".

The literature is taken from more than two authors, only the first author is listed followed by et al. or et al

Poultry is significantly affected by the energy and protein balance of the feed (Scott et al., 2002) or Scott et al (2002)"

"Seaweeds are grouped into two groups on the basis of chemical content, namely producers of handicrafts and producers of agar (Sugiarno, 2000; Pandey, 2001; Vashinta, 2002; Sulistijo and Atmaja, 2003)".

5. Citing/Snipping/Citing from a second source:

Tanaka et al. (1962) in Anwar and Harimurti (2002) stated that

Writing in the bibliography is only Anwar and Harimurti (2002), while Tanaka et al. (1962) does not need to be included

"The citation of Soeharsono (2001) from Scott (1947) shows that feeds containing high energytend".....

Same as the previous example, only Soeharsono (2001) is included in the bibliography.

Reference from the second source is attempted to be avoided, it is better to show from the first source.

Examples of writing books and journals, if the book is italicized, the title is italicized, but if the journal/thesis/thesis/and dissertation are italicized, the journal, thesis, etc. is written in italics. There is no explanation of what is meant by background, Tinpus, methodology, and so on.

6. Writing in the Bibliography for Journals and media (Electronic Library).

See appendix 5.2.

Appendix 5.2. How to write a bibliography

BIBLIOGRAPHY

Anonimous, 1998. Methodology of Using Laboratory Equipment for Food-Based Research. Faculty of Animal Husbandry, University of Muhammadiyah Malang.

Faisal S., 2000. Qualitative Research. Publisher Asah Foster Foundation. Poor

Hasbi and Sudirman H., 2012. Utilization of Chicken Herb as a Supplementary Feed to Increase Domestic Chicken Production in Garessi Village, Tanete Rilau District, Barru Regency. Journal of Agrisystems, December 2012, Vol. 8 No. 2. Pg. 70-76.

Januwati, NM., 2012. Anticoccidiosis Herbs for Chickens. http://www.trobos.com/show_article.php?rid=19&aid=3409 Downloaded August 11, 2014.

Suryabrata, S. and M. Hadi, 2003. Research Methodology CV Rajawali. Jakarta.

Appendix 5.3. Sample Thesis Table of Contents

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Appendix 5.4. Example of Creating a List of Tables, List of Figures and List of Attachments

LIST OF TABLES

No.	Table	Page
1.	Daily Body Weight Growth of Broilers	6
2.	Feed Consumption During Research	12
3.	Feed Digestibility During Growth	24
4.	Etc.....	

LIST OF FIGURES

No.	Picture	Page
1.	Broiler Daily Body Weight Growth Chart	9
2.	Graph of Feed Consumption During Research	12
3.	Normal Growth Model	24
4.	Etc.....	

APPENDIX LIST

No.	Attachment	Page
1.	Average Temperature During the Study	9
2.	Feed Consumption During Research	12
3.	Normal Growth Model	24
4.	And so on.....	

Appendix 5.5a. Example of creating a table

Table 2.1. Body weight of several breeds of cattle ready to be marketed at PT. Grand Garden

No.	Cow Nation	Average Body Weight (kg)
1.	Ongole Peranakan	470.5
2.	Bali	455.5
3.	Madura	443.0
4.	Brahman Cross	555.5
5.	Simmental	584.5

etc

Source: "Primary Data at PT.Sumber Agung, 2006"

Note: The table number follows the chapter in

Appendix 5.5b. Example of making an image

ALUR PEMBUATAN TEPUNG TAPIOKA

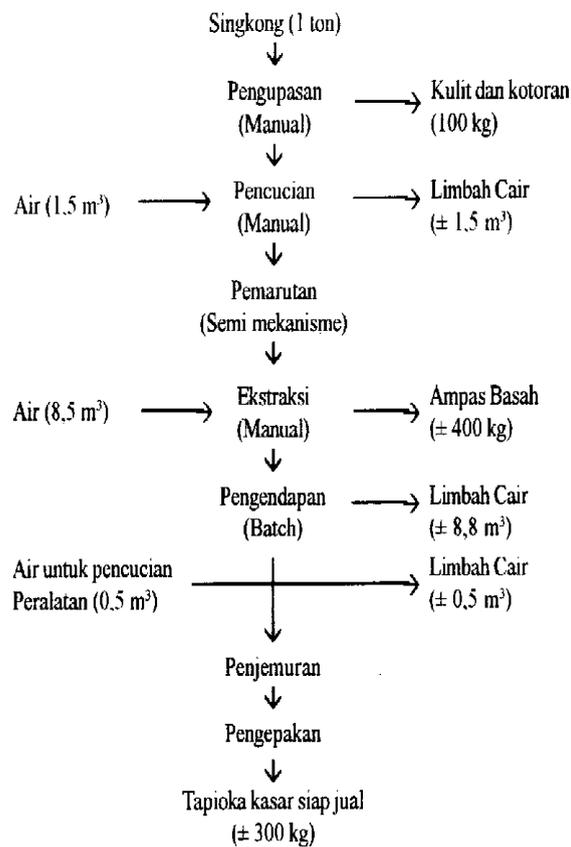


Figure 4.1. Process of making cassava flour

Description: The picture number follows the Chapter

Appendix 5.6. Foreword Example

FOREWORD

We express our gratitude to the presence of Allah SWT, for His blessings and grace, finally the author can complete this scientific work in the form of title.....
..... etc .

The purpose of writing this is in order to complete a series of Thesis in order to fulfill the requirements to obtain a Bachelor's degree at the Faculty of Agriculture and Animal Husbandry, University of Muhammadiyah Malang.

In connection with all of that, then on this occasion, the author would like to express his appreciation and gratitude profusely to:

1. Mr. Prof. Dr. Ir. Servant of God, MS. As Dean of the Faculty of Agriculture and Animal Science, University of Muhammadiyah Malang.
2. Mr. Prof. Dr. Abdullah, MS, as the Main Advisor and Mrs. Dr. Ir. Aisyiah, MM., MP. as a Advisor
3. Mr. Dr. Ir. Jundulah, MM., Mkes, as the Head of the Department of Animal Husbandry, Faculty of Animal Science, University of Muhammadiyah Malang.
4. Mrs. Ir. Khadijah, MP., as Head of Animal Science Laboratory, Faculty of Animal Science, University of Muhammadiyah Malang.
5. Mr. Ir. Hezbollah, MP., as the Head of Experimental Farm, Faculty of Agriculture, Animal Science, University of Muhammadiyah Malang.
6. Fellow class of 2005 and laboratory and cage employees, who have helped this research from preparation to completion of this report.
7. Bows of worship and respect to Motherand beloved father who has given encouragement, motivation and sincere prayers so that the author can achieve his goals.

Thus, hopefully all of this can be useful, especially for writers, for the way to hack life and a better future and full of hope for the blessing of Allah SWT. Amen. Furthermore, while studying at the Faculty of Agriculture and Animal Science, UMM, if there are shortcomings and mistakes, the author expresses his deepest apologies. Thank you for your attention.

Unfortunately,
.....

Writer

Notes :

The preface used in all thesis reports uses a standard form like this example

Appendix 5.7.
Example

Researcher's Curriculum Vitae

CURRICULUM VITAE

Photo 4x6 cm

Biodata : Firyanadhira
Name
NIM : 8000491009
Place and date of birth : Lamongan, April 2, 1983
Religion : Islam
Address in Malang : Jl. Mertojoyo Blok K No. 26 Malang
Father's name : Syamsudin
Mother's name : Suciwati
Address : Jl. Rose No. 6 RT 01 RW 02 Ds. Sukamaju District Talun
Blitar Regency

Educational History

1. Formal Education

SD : SD Negeri 02 Sukamaju, Talun, Blitar
junior high school : Al Huda Talun Middle School, Blitar
high school : Muhammadiyah 1 Talun High School,
Blitar
College : University of Muhammadiyah Malang

2. Non-formal education

- a. Internet Introduction Course, UPI UMM, 2012
- b. Computer Application Course, First Aid UMM, 2013
- c. English Course, KBA UMM, 2014
- d. Workshop on Exact Research Methods, DPPM UMM, 2015
- e. National Seminar on Food Security, Department of Animal Husbandry, FPP UMM, 2015
- f. Etc.....

Appendix 5.8. Sample Letter of Authenticity of Scientific Work

STATEMENT LETTER

The undersigned is me:

Name : Firyanadhira Syarifah
NIM : 8000491009
Place and date of birth : Lamongan, April 2, 1983
Religion : Islam
Address in Malang : Jl. Mertojoyo Blok K No. 26 Malang

By mentioning the name of Allah SWT, I declare truthfully and truly that:

1. This scientific work is my original academic work, which I compiled based on the results of the research I did.
2. I do not plagiarize, duplicate and replicate the results of other people's research which causes this scientific work to be inauthentic
3. This scientific work, has been prepared with the approval and guidance of the Advisory Board and has been tested before the Thesis Examiner Board of the Faculty of Agriculture, Animal Husbandry, University of Muhammadiyah Malang.

Thus, I make this statement in truth and I am fully responsible for this statement.

Malang,
.....

Knowing
Principal Advisor,

That state,

.....

.....
.....

Information:

For those who have a religion other than Islam, the word Allah SWT can be changed according to their respective religions

Appendix 5.9. Flow and Rules of Implementation of Thesis Activities

THESIS IMPLEMENTATION PROCEDURE

