



Standard of Internal Quality Assurance System (SPMI)
Faculty of Mathematics and Natural Sciences
Andalas University

STANDARD OF ACADEMIC CULTURE

SM-05-01



Budaya Mutu untuk Daya Saing Regional

Faculty of Mathematics and Natural Sciences
Andalas University

2018

Limau Manis Campus, Padang – 25163

PREFACE

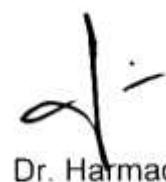
We extend praise to the Almighty God, for His permission Internal Quality Assurance Document of the Faculty of Mathematics and Natural Sciences Andalas University: Standards this Academic Culture can be completed and published.

This SPMI standard was made in order to improve the quality of higher education in FMIPA Andalas University in a planned and sustainable manner; guidelines for quality organization in the implementation of SPMI at the faculty and department / study program; and guidelines for faculty and department leaders and staff in the implementation of the specified SPMI standards. Academic Culture Standards focused on discussing efforts to create conditions and atmosphere academics in the process of learning, research, and service to the community to be able to walk in accordance with the vision, mission, and goals institution / unit / department / study program.

The Academic Culture Standards are formulated by the Formulating Team which involves Member of Quality Control Cluster (GKM) Study Program and Quality Assurance Agency Internal FMIPA Unand and is expected to be used as a reference in planning, organizing, monitoring and evaluating activities academics for academic community institutions in improving quality sustainable especially in the Faculty of Mathematics and Natural Sciences Andalas University.

Padang, June 20th, 2018

Head of BAPEM



Dr. Harmadi
NIP. 197112221999031001

TABLE OF CONTENTS

STANDARD OF ACADEMIC CULTURE

1. Definition

- 1) Academic freedom is the freedom of the academic community in higher education to explore and develop science, technology, and / or art (IPTEKS) responsible through the implementation of the tri drama of the college high.
- 2) Freedom of the pulpit is the freedom of the academic community for declaring openly and responsibly regarding something regarding the family of knowledge and branches of science.
- 3) Scientific autonomy is the authority of the academic community, a branch of IPTEKS in finding, developing, disclose, and / or defend scientific truth according to the rules, scientific methods, and academic culture.
- 4) Academic culture is a totality of life and academic activities that are lived, interpreted, and practiced by the academic community in educational institutions.
- 5) The academic atmosphere is a condition created to make learning, research, and community service goes according to the vision, mission, and goals of the institution.
- 6) Scientific tradition is a practice that is carried out and reflect noble academic / scientific values interact with the academic community.
- 7) Copyright is the creator's exclusive rights that arise in a manner automatically based on the declarative principle after a creation manifested in tangible form without reducing restrictions in accordance with statutory provisions.
- 8) Academic ethics are noble values that must be obeyed by academicians are good at thinking, behaving, and behaving and act as intellectuals to carry out scientific assignments in higher education.
- 9) Plagiarism is intentional or unintentional in obtaining or trying to obtain credit or value for scientific work, by quoting some or all acknowledged works and / or scientific works of other parties as scientific work, without stating the source appropriate and adequate.

2. Rational Academic Cultural Standards

The direction of developing UNIP FMIPA education is to produce nationally competitive and highly competitive graduates recognition at the ASEAN level. Educational development direction FMIPA is derived from the direction of educational development UNAND is producing graduates who are globally competitive, has an entrepreneurial spirit and is characteristically Andalasian. The implementation of FMIPA UNAND education must be run with the Minister of Research, Technology, and Higher Education Regulation Number 44 of 2015 concerning National Higher Education Standards (SN-Dikti).

In an effort to foster an academic culture in the FMIPA environment, UNAND then needs to be created a conducive academic atmosphere in educational, research, and service activities society, which is based on academic freedom, freedom pulpit, and scientific autonomy. Therefore, activities academics carried out by academicians must be scientific tradition, according to academic ethics, and his work is free from plagiarism.

3. Statement on Contents of Academic Culture Standards

- 1) The Dean and / or chair of the department is committed to growing academic culture and create an academic atmosphere inside the form of financial support by the head of the faculty or department for the implementation of academic activities.
- 2) The dean and / or head of the department are responsible for the implementation of seminar / conference / scientific symposium level national / international at least once a year.
- 3) The lecturer publishes the results of his research in the form of articles scientific in national / international journals of at least one article per year.
- 4) The lecturer presents the results of his research on scientific seminars / conferences / symposiums at the level national / international at least once a year.
- 5) The head of the department carries out a guest lecturer on the topic relevant to the field of science at least 4 (four) times in one year.
- 6) The Dean organizes scientific traditions in the form of scientific orations on every event Dies-Natalis / lustrum.
- 7) The Dean applies a system of academic ethics to guarantee the running of academic ethics as evidenced by a) Academic Ethics Policy; b) Ethics Honorary Board Academic; c) inspection Standard Operating Procedure (SOP) index of similarity in scientific work; and d) sanctioned SOPs run consistently.
- 8) Lecturers create a conducive academic atmosphere that involves students in every research activity.
- 9) Lecturers create a conducive academic atmosphere that involves students in every service activity to the community.
- 10) Lecturers create a conducive academic atmosphere as an advisor in the Student Creativity Program of at least one proposal per year.
- 11) The dean gives awards to the lecturers who are performing both in the implementation of the tri dharma of tertiary institutions.
- 12) The Dean gives awards to students who obtain achievements at the national level and / or international.
- 13) The Dean gives sanctions to the academicians violating academic ethics and plagiarism at the suggestion of the Council Honor Academic Ethics

4. Strategies for Implementing Academic Cultural Standards

- 1) BAPEM designs the contents of academic culture standards that will be applied to all study programs.
- 2) The contents of academic culture standards are set by BAPEM after got an agreement by the Dean, Deputy Dean I, Chairperson Department, and Chair of Study Programs.
- 3) BAPEM is accompanied by the Head of the Department and the Head of the Study Program, socializing the contents of academic culture standards to lecturers and students.
- 4) Lecturers and students implement the contents of cultural standards academic.
- 5) BAPEM evaluates the implementation of academic, cultural standards, which is implemented by lecturers through an internal quality audit (AMA).
- 6) BAPEM controls non-achievement or deviation implementation of academic, cultural standards through demand corrective action (PTK) to the dean and head of the department.

- 7) BAPEM improves academic, cultural standards after all contents of standards are met in one or several quality cycles.

5. Indicators of Academic Culture Standard Achievement

- 1) The number of academic activities carried out by the Studi program in one year.
- 2) Number of academic achievements achieved by a lecturer study program.
- 3) Percentage of courses that run interactive learning and oriented to lifelong learning.
- 4) The amount of reward received by an academic community major.
- 5) Number of sanctions received by an academic community major.

6. Responsible Parties Achieve the Contents of Academic Cultural Standards

The party responsible for achieving learning content standards that are:

- 1) Dean;
- 2) Deputy Dean I;
- 3) Head of Department;
- 4) Ethics Code Honorary Board;
- 5) Lecturer; and
- 6) Students.

7. References

- 1) Arifianto, R., 2010. Budaya Akademik dan Etos Kerja. <https://jukurenshita.files.wordpress.com>
- 2) Okamoto, K. 2015. Academic culture: An alternative conceptual and analytical framework for discussion on international collaboration in social sciences. Journal of Global Studies, 2:69-91.
- 3) Shen, X. and Tian, X. 2012. Academic culture and campus culture of universities. Higher Education Studies, 2(2): 61-65.
- 4) Carroll, J. and Appletoo. 2001. Plagiarism: A Good Practice Guide: JISC Publication.



KEPUTUSAN DEKAN
FAKULTAS MIPA UNIVERSITAS ANDALAS
Nomor : 247/XIII/D/FMIPA/2018

Tentang

**PENUNJUKAN/PENGANGKATAN PANITIA
DAN TIM PENYUSUN DOKUMEN STANDAR BUDAYA AKADEMIK
SISTEM PENJAMINAN MUTU INTERNAL (SPMI)**
FAKULTAS MIPA UNIVERSITAS ANDALAS TAHUN 2018

DEKAN FAKULTAS MIPA UNIVERSITAS ANDALAS

- Menimbang : a. Bahwa dalam rangka peningkatan mutu pendidikan tinggi secara berencana dan berkelanjutan di Fakultas MIPA Universitas Andalas, maka perlu dirumuskan dan disusunnya Dokumen Standar Budaya Akademik Sistem Penjaminan Mutu Internal (SPMI) Fakultas MIPA Universitas Andalas Tahun 2018;
b. Bahwa untuk kelancaran pelaksanaan kegiatan pada butir "a" di atas, dirasa perlu menunjuk dan mengangkat Panitia dan Tim Penyusun Dokumen Standar Budaya Akademik Sistem Penjaminan Mutu Internal (SPMI) Fakultas MIPA Universitas Andalas Tahun 2018;
c. Bahwa berdasarkan pertimbangan pada huruf "a" dan "b" di atas perlu ditetapkan dengan Keputusan Dekan.
- Mengingat : 1. Undang-Undang Nomor 8 Tahun 1974 dan Nomor 43 Tahun 1999 tentang pokok-pokok Kepegawaian;
2. Undang-undang Nomor 20 tahun 2003 tentang Sistem Pendidikan Nasional;
3. Undang-Undang Nomor 5 Tahun 2015 tentang Aparatur Sipil Negara (ASN);
4. Peraturan Pemerintah RI Nomor 17 tahun 2010 tentang Pengelolaan dan Penyelenggaraan Pendidikan sebagaimana telah dirubah dengan PP Nomor 66 Tahun 2010;
5. Keputusan Menteri Pendidikan dan Kebudayaan Nomor 25 Tahun 2012 tentang Organisasi dan Tata Kerja Universitas Andalas;
6. Keputusan Menteri Keuangan Nomor 501/KMK.05/2009 tentang Penetapan Universitas Andalas sebagai instansi pemerintah yang menerapkan Pengelolaan Keuangan Badan Layanan Umum;
7. Keputusan Rektor Universitas Andalas Nomor 809/III/A/Unand-2016 tanggal 9 Agustus 2016 tentang Pengangkatan Dekan Fakultas MIPA Universitas Andalas Periode 2016 – 2020;
8. Pengesahan DIPA Universitas Andalas Tahun 2018 Nomor SP. DIPA-2.01.2.400928/2018 tanggal 5 Desember 2017.

M E M U T U S K A N

- Menetapkan :
Pertama : Menunjuk/mengangkat nama yang tersebut pada lampiran keputusan ini sebagai Panitia dan Tim Penyusun Dokumen Standar Budaya Akademik Sistem Penjaminan Mutu Internal (SPMI) Fakultas MIPA Universitas Andalas Tahun 2018.
Kedua : Panitia dan Tim Penyusun Dokumen Standar Budaya Akademik Sistem Penjaminan Mutu Internal (SPMI) Fakultas MIPA Universitas Andalas Tahun 2018 dalam menjalankan tugasnya bertanggung jawab kepada Dekan FMIPA Unand.
Ketiga : Segala biaya yang timbul akibat diterbitkannya keputusan ini dibebankan kepada anggaran DIPA Universitas Andalas Tahun 2018.
Keempat : Keputusan ini berlaku sejak tanggal ditetapkan, dengan ketentuan apabila dikemudian hari terdapat kekeliruan dalam penetapan ini akan diadakan perbaikan sebagaimana mestinya.

Ditetapkan di : Padang
Pada Tanggal : 23 April 2018



Penanda :
1. Yang bersangkutan
2. Asstip

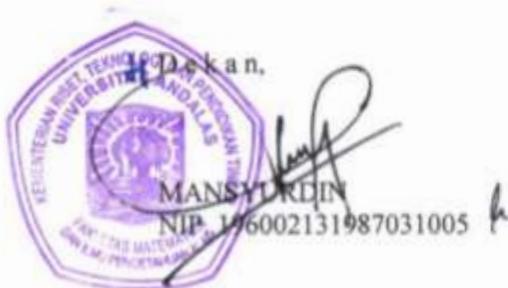
Lampiran I : Keputusan Dekan Fakultas MIPA Universitas Andalas

Nomor : 217 /XIII/D/FMIPA/2018

Tanggal : 23 April 2018

Tentang : Tim Penyusun Dokumen Standar Budaya Akademik Sistem Penjaminan Mutu Internal (SPMI) Fakultas MIPA Universitas Andalas Tahun 2018

NO	NAMA	JABATAN
1.	Prof. Dr. Mansyurdin, M.S.	Penanggung Jawab
2.	Dr. Harmadi	Ketua Tim Penyusun
3.	Nova Noliza Bakar, M.Si.	Tim Penyusun
4.	Dr. Suryati	Tim Penyusun
5.	Dr. Dewi Imelda Roesma	Tim Penyusun
6.	Dr. Tesri Maideliza	Tim Penyusun
7.	Dr. Deswati	Tim Penyusun
8.	Dr. Upita Septiani	Tim Penyusun
9.	Dr. Matlal F. Alif	Tim Penyusun
10.	Emil Salim, M.Si.	Tim Penyusun
11.	Dr. Dahyunir Dahlan	Tim Penyusun
12.	Elistia Liza Namigo, M.Si.	Tim Penyusun
13.	Dr. Des Welyanti	Tim Penyusun
14.	Dr. M. Ali Shafii	Tim Penyusun
15.	Monika Rianti Helmi, M.Si	Tim Penyusun
16.	Hazmira Yozza, M.Si	Tim Penyusun



Lampiran II : Keputusan Dekan Fakultas MIPA Universitas Andalas

Nomor : **247** /XIII/D/FMIPA/2018
Tanggal : 23 April 2018
Tentang : Panitia Tim Penyusun Dokumen Standar Budaya Akademik Sistem Penjaminan Mutu Internal (SPMI) Fakultas MIPA Universitas Andalas Tahun 2018

NO	NAMA	JABATAN
1.	Prof. Dr. Mansyurdin, M.S.	Penanggung Jawab
2.	Prof. Dr. Safni, M.Eng.	Ketua Panitia
3.	Prof. Dr. Adlis Santoni, M.S.	Wakil Ketua
4.	Dr. Tesri Maideliza	Sekretaris
5.	Joni Herman, S.E.	Anggota
6.	Dra. Zulfahmi	Anggota
7.	Sosmiadi, M.Kom.	Anggota
8.	Siti Oktovani, S.IP.	Anggota
9.	Amelisa, S.E.	Anggota

