



Evaluation Guide for Programs and Evaluators

Evaluation and Accreditation Committee

Version 2023



General Information

Information for Programs seeking for Accreditation

Information for Program and Candidate Evaluators

Indonesian Accreditation Board for Engineering Education

an autonomous subsidiary of the Institution of Engineers Indonesia (PII)

w: iabee.or.id

e: info@iabee.or.id

Document Control

Evaluation Guide for Programs and Evaluators version 2023 is produced by Evaluation and Accreditation Committee (EAC) as supplementary document to the Rules and Procedures of Evaluation and Accreditation (RPEA).

A special section was added in September 2020 to include Live Online Visit Evaluation, which was an alternate to the standard On-Site Evaluation Visit to be utilized under certain circumstances that prohibit its application.

Contents

Document Control	1
Contents	2
Introduction	3
A. General Information	4
A.1. Types of Accreditation and Evaluation.....	4
A.2. Program Eligibility	4
A.2.1. Eligibility Requirements for General Accreditation	4
A.2.2. Eligibility Requirements for Provisional Accreditation	5
A.3. Understanding Accreditation Criteria, and Rules, and Procedures for Evaluation and Accreditation	5
A.3.1. Accreditation Criteria	5
A.3.2. Rules and Procedures for Evaluation and Accreditation	7
A.4. Overview of Evaluation Process	8
A.5. Quality Assurance.....	10
A.5.1. Provision of Quality Program Evaluators	10
A.5.2. Consistency Checks	11
A.5.3. Adoption of QMS of ISO 9001:2015.....	11
B. Information for Programs seeking for accreditation.....	12
B.1. Preparation for Self-Evaluation Report and Program Profile	12
B.1.1. Self-Evaluation Report (SER)	12
B.1.2. Program Profile	13
B.1.3. Preparing Evidence.....	14
B.2. Evaluation Judgement and Decision	14
B.2.1. General Accreditation	14
B.2.2. Provisional Accreditation	15
C. Information for Program Evaluators	16
C.1. Competency and Code of Ethics.....	16
C.2. Principles of Evidence-based Evaluation.....	16
C.3. Judgement and Feedbacks	16
D. Live Online Visit	18
D.1. Principles	18
D.2. Requirements	18
D.3. Policies.....	18
D.4. Preparing Evidence.....	19
D4.1. Digital Evidence accompanying Self Evaluation Report (SER)	19
D4.2. Digital Evidence to be confirmed during Online Visit	19
D4.3. Physical Evidence	19
D.5. Program's Integrity Statement.....	20
D.6. Force Majeure	20

Introduction

This Evaluation Guide for Evaluators and Programs provides program management, quality managers in higher education institutions, and IABEE Program Evaluators with a concise reference for understanding the accreditation process and criteria, context for judgment by Evaluators, information and documents expected to be provided by programs for the evaluation process, and supplementary information not covered in the RPEA. Through this document, both the program and the Evaluators are expected to form a common quality-oriented and criteria-based understanding on the expectations associated with IABEE's accreditation process. For the Evaluators in particular, this guide facilitates the consistent and objective judgment throughout the entire program evaluation process.

To meet the above-mentioned purpose, this guide is composed of the following sections:

- A. General Information:** (1) types of accreditation and evaluation, (2) program eligibility, (3) understanding accreditation criteria, rules, and procedures for evaluation and accreditation, (4) overview of evaluation process, and (5) quality assurance
- B. Information for Programs seeking for Accreditation:** (1) preparation for Self-Evaluation Report and Program Profile and (2) evaluation judgement and decision
- C. Information for Program Evaluators:** (1) competency and code of ethics, (2) principles of evidence-based evaluation, (3) judgement and feedbacks

A special section is added to explain rules and procedures for conducting Live Online Visit Evaluation. This type of evaluation is an alternate to the normal On-Site Visit and may be opted by IABEE in a situation where the normal On-Site procedure is not plausible to undertake.

- D. Live Online Visit Evaluation:** (1) principles, (2) requirements, (3) rules, (4) preparing evidence, (5) Program's integrity statement, (6) force majeure

A. General Information

A.1. Types of Accreditation and Evaluation

IABEE offers two types of accreditation, i.e. General Accreditation (GA) and Provisional Accreditation (PA).

- (1) **General Accreditation (GA)** is intended for programs seeking international recognition through IABEE accreditation. Program wishing to apply for evaluation of GA must comply with eligibility requirements (see Section 2.3.1. of Rules and Procedures of Evaluation and Accreditation (RPEA) document).
- (2) **Provisional Accreditation (PA)** is intended for programs newly adopting an outcome-based education system and have not yet produced graduates under the system. A program applying for PA will be evaluated to measure its potentials of meeting the Accreditation Criteria within a foreseeable future (2-4 years). Eligibility requirements for a program applying PA evaluation is specified in Section 2.3.2. of RPEA document.

A Provisional status is not recognized as an accreditation status at international level.

A.2. Program Eligibility

A.2.1. Eligibility Requirements for General Accreditation

Programs eligible to apply evaluation for General Accreditation (GA) are those which meet the following requirements (see Section 2.3.1. of RPEA).

- (1) The associated Program Operating Institution (POI) has obtained National Accreditation for Institution status with a minimum rank of “B” or at least “Baik Sekali”.
- (2) The Program has obtained National Accreditation status ranked “A” or at least “Baik Sekali”.
- (3) The Program is a bachelor-level program in an engineering discipline with a curricular study period of four years, and with a total course-load of a minimum of 144 credit units (or SKS).
- (4) The Program is at least in the 4th year of continuous Outcome-Based Education (OBE) implementation.
- (5) The OBE shall include assessment and evaluation of the Learning Outcomes of the students.

- (6) By the time of the on-site visit evaluation, the Program has produced at least one graduate under its OBE system.
- (7) The Program has established and publicized the Profile of Autonomous Professionals statement formulated as its educational objectives.
- (8) The Program has established and publicized its Learning Outcomes as the basis for developing its curriculum and learning methods.

A.2.2. Eligibility Requirements for Provisional Accreditation

Programs wishing to apply evaluation for Provisional Accreditation (PA) must fulfill the following requirements (see Section 2.3.2. of RPEA).

- (1) The associated Program Operating Institution has obtained National Accreditation for Institution status with a minimum rank of “B” or at least “Baik Sekali”.
- (2) The Program has obtained National Accreditation status at least ranked “B” or at least “Baik Sekali”.
- (3) The Program is a bachelor-level program in an engineering or computing discipline with a curricular study period of four years, and with a total credit of a minimum of 144 credit units (or SKS).
- (4) The Program has implemented Outcome-Based Education (OBE) at least for one year before applying for the evaluation.
- (5) The Program has established and publicized the Autonomous Professional Profile statement formulated as its educational objectives.
- (6) The Program has established and publicized its Learning Outcomes as the basis for developing its curriculum and learning methods.

A.3. Understanding Accreditation Criteria, and Rules, and Procedures for Evaluation and Accreditation

IABEE conducts all Program evaluation and accreditation process based on a well-defined set of criteria, and documented accreditation policies, rules, and procedures. Therefore, an understanding of these formal framework of accreditation is critical to ensure fairness and objectivity of the entire evaluation process, and ultimately the accreditation decision-making. To provide an insight on the fundamental elements of the accreditation framework, the following is an overview of the Accreditation Criteria, Criteria Guide, as well as Rules and Procedures for Evaluation and Accreditation.

A.3.1. Accreditation Criteria

Program evaluation process conducted by IABEE is based on specific accreditation criteria, which is composed of: Common Criteria, Criteria Guide, and Discipline Criteria. These documents are to be treated as a single, cohesive framework for program evaluation and

accreditation. IABEE periodically reviews and publishes the Accreditation Criteria. The evaluation process undertaken in an accreditation cycle adheres to the latest version.

Common Criteria are organized as a concise set of evaluation criteria that must be fulfilled by all Programs eligible for IABEE evaluation process, regardless of their discipline. Discipline criteria are discipline- or area-specific requirements defined by the appointed national professional association. Criteria Guide provides concise elaborations and/or additional details for each of the Common Criteria item. Evaluation items in the Program Evaluation Worksheet embedded in the IABEE Online Evaluation System are based on the three criteria-related documents. IABEE Program Evaluators conduct their evaluation based on evidences provided by the Program against the Accreditation Criteria.

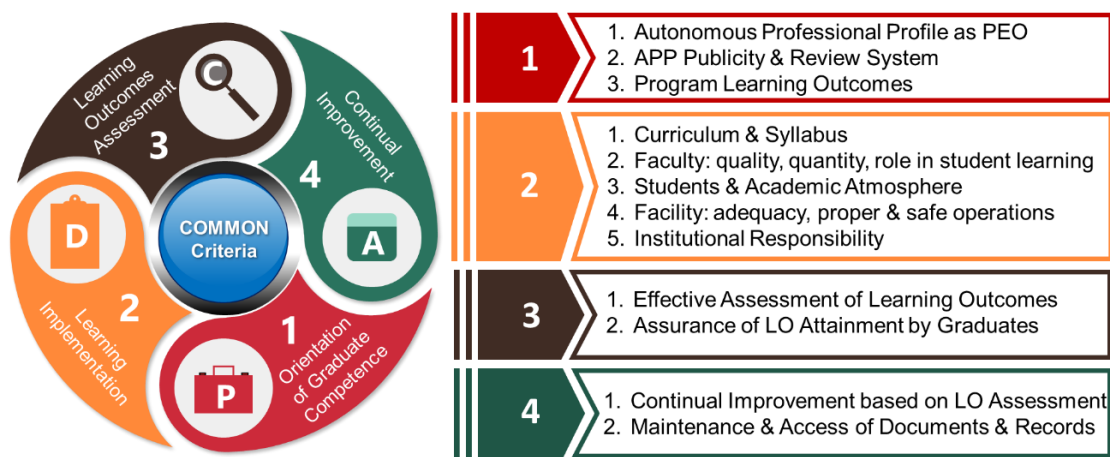


Fig. 1. Illustration of Common Criteria

Common Criteria consist of 4 criteria (Fig.1), following the management approach of PDCA (Plan-Do-Check-Act) continual improvement cycle. The four criteria are as follows:

- **Criterion 1** is associated with the orientation of the graduate competence (profile of autonomous professionals or graduate profile, and program learning outcomes).
- **Criterion 2** is associated with the learning implementation, which includes curriculum, faculty, students and academic atmosphere, learning facilities, and institutional responsibility related to the operation and sustainability of the Program.
- **Criterion 3** is associated with the assessment of the expected learning outcomes, ensuring that the Program must regularly conduct direct and indirect assessment of learning outcomes attainment, and that all graduates satisfy the minimum requirements for outcomes attainment.
- **Criterion 4** is associated with continual improvements, which essentially expects that the Program effectively utilizes their outcomes assessment results to identify and pursue improvement follow-up actions.

The Common Criteria are elaborated into 12 sub-criteria (Fig. 1), which are articulated into evaluation items listed in online evaluation worksheet used by programs and IABEE Evaluators throughout the evaluation process. In addition, the program evaluation online worksheet has also articulated Criteria Guide and Discipline Criteria.

A.3.2. Rules and Procedures for Evaluation and Accreditation

IABEE maintains and periodically updates the Rules and Procedures for Evaluation and Accreditation (RPEA) document. This document serves as the main reference for issues related to rules, policies, procedures, and general timeline governing evaluation and accreditation processes. These rules, policies and procedures are to be adhered to by both the Programs and the Evaluators involved in the evaluation and accreditation processes.

The following are key aspects included in the RPEA, along with concise description of issues related to each aspect.

- Confidentiality and avoidance of conflict of interest: Information provided by the Program associated with its evaluation process is treated with confidentiality by IABEE. Furthermore, IABEE requires its personnel to act in a professional and ethical manner, and to inform of any real or perceived conflict of interest in their activities.
- Scope and eligibility for accreditation: IABEE accredits bachelor-level academic Programs in engineering and computing disciplines. Degrees granted by these Programs include Bachelor of Engineering (*Sarjana Teknik*), Bachelor of Science in Engineering (*Sarjana Teknik*), Bachelor of Science in Computing (*Sarjana Teknik* or *Sarjana Komputer*), and Bachelor of Computing (*Sarjana Komputer*). These degrees are bestowed upon completion of a study period of four academic years, with a minimum total course load of 144 semester-credit units (SKS).
- Description of Program evaluation process: This section in RPEA contains a detailed step-by-step description of the standard processes implemented by IABEE, namely: (1) Evaluation for General Accreditation (2) Interim Evaluation for General Accreditation with On-Site Visit (3) Interim Evaluation for General Accreditation without On-Site Visit, and (4) Evaluation for Provisional Accreditation. The reader is referred to the most up to date version of IABEE RPEA document for these process details. It is notable here that IABEE conducts a major part of the evaluation process using an online system. On-site evaluation is an integral part of the process.
- Types of accreditation decisions: Accreditation decisions are taken by IABEE Accreditation Council (AC) by considering EAC recommendation. The AC meeting is normally conducted annually at the end of the accreditation cycle. Types of decision are based on categories of unresolved shortcomings by the end of the evaluation process. The decisions with regards to General Accreditation are Accredited, Accredited with Interim Evaluation without Visit, Accredited with Interim Evaluation with Visit, or Not Accredited. As for Provisional Accreditation, the decision can be Provisionally Accredited or Not Accredited. It should be noted and emphasized that Provisional status is not regarded as an accredited status with substantially equivalent implication.
- Rules on public disclosure of accreditation status by the Program: Accreditation by IABEE holds an unambiguous recognition that an undergraduate engineering Program is planned, operated, and managed in accordance to international quality standards for outcome-based engineering higher education. An accredited status by IABEE does not imply any ordinal ranking between one Program and others that are also

accredited by IABEE. The reader is referred to the IABEE RPEA document for a detailed list of approved and disapproved methods of public disclosure of an accredited status. Violation to these rules results in the revocation of the Program's rights to public disclosure of its accreditation status.

- Evaluation feedback and appeal procedures: IABEE solicits feedback from Programs that have undergone the evaluation process. This feedback shall be utilized for the improvement of internal business processes, evaluation process, and assessment instruments and documentations. The Program shall be given an opportunity to file an appeal to IABEE if an accreditation decision is deemed unfair. The appeal must include a clearly written rationale for the appeal, with reference to specific AC and/or RPEA items associated with the appeal. Only final decision of Not-Accredited (NA) status in General Accreditation may be appealed for. The reader is referred to the RPEA document for a more detailed description of the feedback and decision appeal procedures.
- On-site visit policies: The policies detailed in the RPEA are developed to minimize unnecessary interactions between the Program and/or Program Operating Institution and IABEE Evaluators, that may bias the Evaluators' judgment and/or potentially create clear or perceived conflict of interest. The reader is urged to review the details in the RPEA document.
- Indicative schedule for General Accreditation Evaluation and Provisional Accreditation Evaluation processes: This aspect is self-explanatory; the reader is encouraged to review the details in the RPEA document.

Rules and policies stipulated in the RPEA apply not only during the Program evaluation process, but also during a Program's accredited period.

A.4. Overview of Evaluation Process

IABEE evaluation process is conducted during a 12-month Evaluation Cycle (Fig. 2) and is implemented through IABEE Online Evaluation System (OES). The evaluation process in general is described as the following.

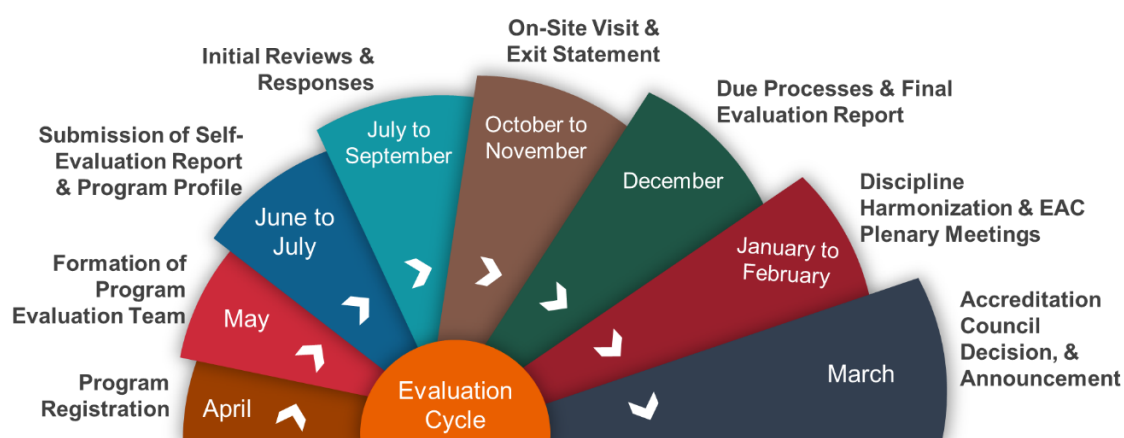


Fig. 2. Illustration of Evaluation Processes

- Evaluation Team comprises of a Team Chair and 2 (two) Program Evaluators for evaluation for General Accreditation, whereas only one evaluator is assigned for Provisional Accreditation.
- Members of evaluation team are a combination of academics and industrial practitioners whose disciplines are related to the program under evaluation. They are assigned by an Evaluation and Accreditation Committee (EAC) Discipline Chair or EAC Chair. Having been assured of free of any conflict of interest and acceptable to the program, the evaluation team is finalized by the EAC Chair.
- The Team Chair is the only contact person for the program related to evaluation process. Any communications between the program and evaluation team shall be conducted through the Team Chair.
- SER, Program Profile, and related evidence submitted by the program are evaluated by each member of Evaluation Team, after which the Team Chair is to prepare and submit the First Review report.
- Upon submission of the First Review, program may submit responses and additional information and evidence through OES which would be considered by the Evaluation Team during the subsequent evaluation processes.
- IABEE Secretariat will contact program and/or institution representatives to arrange schedule of On-Site Visit, meanwhile Team Chair will follow up with detailed evaluation plan to be agreed by the program. An on-site visit normally is scheduled for 3 days and takes place during October or November.
- The purpose of an On-Site Visit is to explore evidence which cannot be found or fully understood from the submitted documents through direct observations, interviews, and review of display materials. Throughout the On-Site Visit, Program Evaluators are expected to revisit the judgement made during the initial review.
- An On-Site Visit ends with an Exit Statement to be read by the Team Chair. A written report called the First Evaluation Report would elaborate the Exit Statement and would be submitted to Program through OES. The statement contains short description about the Program, identified strength and shortcomings. Some of the shortcomings might be rectified by the Program during the 7-day and 30-day due processes.
- Based on First Evaluation Report and subsequent Program responses (if any), the Team Chair will prepare the Final Evaluation Report to be discussed during Discipline Harmonization and EAC Plenary Meetings to form the EAC recommendation on accreditation decision. This final report is not accessible by the program.
- The purpose of Discipline Harmonization meeting is to harmonize evaluation findings across different programs within a discipline. Meanwhile, EAC Plenary Meeting is convened to harmonize evaluation findings across all disciplines and all program-operating institutions. EAC Plenary Meeting produces EAC recommendation on accreditation decisions to be decided by the Accreditation Council (AC).
- AC will examine the report and recommendation presented by EAC during the AC Meeting to ensure that accreditation evaluation has been conducted in accordance to RPEA and, subsequently, decide accreditation decisions.

A.5. Quality Assurance

Internal quality assurance is maintained in all aspects of IABEE accreditation activities to ensure consistent implementation of criteria, rules and procedures, objective review, fair accreditation decision, and quality report as a means for program's continual quality improvements. Three areas of particular importance in assuring quality include provision of quality program evaluators, consistency checks, and overall management of IABEE business processes.

A.5.1. Provision of Quality Program Evaluators

Program evaluation is conducted by Program Evaluators having reputable academic and/or industrial background. High standards of recruitment and training processes are established to ensure competent evaluators (Fig. 3).



Fig. 3. Training series towards provision of quality program evaluators

Candidates for programs evaluators must first meet eligibility requirements as stipulated in Ch. 3 of Rules and Procedures of Accreditation-related Committees (RPARC). To become a program evaluator, candidate must undertake and pass a series of training, namely Online Modular Training, Face-to-Face Training, and Observation. Online Modular Training is designed to provide the candidate with basic knowledge on IABEE, evaluation and accreditation principles, role of an evaluator, accreditation criteria, and overall evaluation process, including document review and judgement. Building up the knowledge gained from the online resource, the candidate will have an opportunity to simulate On-Site Visit evaluation during the 2-day Face-to-Face Training, especially on how to apply evaluation judgment. Assignment of the candidate as an observer will give hands-on experience of conducting real program evaluation.

In addition, a refresher training inviting all evaluators assigned for an on-going evaluation cycle is convened as a platform for strengthening evaluators' competency and sharing lessons learned and any recent updates on Accreditation Criteria and RPEA.

Regular evaluation system of program evaluators includes feedbacks from evaluated programs to improve evaluators' performance and overall accreditation system. Mechanism exists to improve program evaluators' competency based on previous performance and feedbacks.

A.5.2. Consistency Checks

IABEE evaluation process has several built-in mechanisms to ensure consistent application of accreditation criteria as well as rules and procedures. Processes of accreditation system is ensured closely by related committees and secretariat, and by taking advantage of the use of On-line Evaluation System (OES) with pre-defined and clear schedule.

Consistent judgement on the extent of accreditation criteria fulfilment by a program under evaluation is ensured by collective and collegial work of the Team Chair and the members of evaluation team throughout initial reviews, on-site evaluation, and due process period.

Consistent judgement is further ascertained by the harmonization mechanisms conducted within and across disciplines. Final consistency check takes place prior to the release of Final Evaluation Report to the program, in which Editors are assigned to ensure consistency between the judgement and the description of evaluation results in association with the accreditation criteria.

A.5.3. Adoption of QMS of ISO 9001:2015

In a broader context of organization quality assurance, IABEE has established a quality management system by adopting the international standard on quality management and quality assurance of ISO 9001:2015. By adopting this standard IABEE is expected to have better management control and reporting, better basis for continual improvement, and to ensure that customers will consistently obtain high quality services, which in turn will bring many benefits, including satisfied customer, management, and internal stakeholders.

B. Information for Programs seeking for accreditation

B.I. Preparation for Self-Evaluation Report and Program Profile

A program seeking for accreditation to IABEE shall prepare and submit Self-Evaluation Report (SER), Program Profile, and supporting evidence. SER is basically a collective statement made by program seeking for accreditation claiming that its current practice has fulfilled the accreditation criteria. Evidence is therefore of utmost importance for the program to be prepared appropriately since any claim of fulfilment of criteria by the program, as well as evaluator judgement, shall be based upon it. Meanwhile, Program Profile is a supplementary document to provide the evaluators with pertinent information for a quick and comprehensive understanding about the program and its education system.

B. I. I. Self-Evaluation Report (SER)

The SER template is structured in a spreadsheet format (Fig. 4) with column (1) listing the criteria, sub-criteria, and evaluation items related to a certain sub-criterion. The worksheet essentially expects the program to make a claim of fulfillment in column (2), deliberate and describe how it fulfills each evaluation item in column (3) and, provide a list of evidence to support the claim and deliberation in column (4). The evidences listed in column (4) must be provided in attachment file(s) accompanying SER submission, as described in Section B.1.3.

Kriteria	Sub-Kriteria	Sub-sub Kriteria	Item Evaluasi	KLAIM PEMENUHAN	DESKRIPSI EVALUASI DIRI PROGRAM STUDI	REFERENSI
DESKRIPSI KRITERIA/ITEM EVALUASI (PRODI TEKNIK)				Beri tanda "X" jika dianggap memenuhi dan "XX" jika dianggap melampaui Kriteria/Item Evaluasi	Deskripsikan bagaimana Program Studi memenuhi tiap Item Evaluasi yang ditanyakan (pada sel tidak berwarna). Argumen yang disampaikan harus berdasarkan pada bukti-bukti faktual (evidence-based description). Tim Evaluasi IABEE akan memeriksa deskripsi ini dan bukti-bukti pendukungnya	Berikan daftar referensi/bukti-bukti yang mendukung argumentasi yang disampaikan pada kolom Evaluasi Mandiri Program Studi. Unggah referensi/bukti-bukti tersebut secara terpisah, sebagai file-file lampiran dari Laporan Evaluasi Diri ini
(1)				(2)	(3)	(4)
1			ORIENTASI KOMPETENSI LULUSAN [ORIENTATION OF THE GRADUATE COMPETENCE]			
1.1			Prodi menetapkan profil lulusan yang digagaskan untuk menjadi para Profesional Mandiri, dengan mempertimbangkan potensi sumberdaya, budaya, kebutuhan maupun kepentingan Negara [The Program shall define the profile of graduates to be envisaged as Autonomous Professionals by considering country's potential resources, cultures, needs and interests]			
		1)	Paparkan Profil Profesional Mandiri Prodi yang ditetapkan sebagai sasaran-esasaran pendidikan Prodi, yang mempertimbangkan sumberdaya, keahlian, kebutuhan, serta kepentingan lokal dan/atau nasional, serta misi institusi Pengelola Prodi (POI). [Describe the Program's Profile of Autonomous Professionals to be fostered as its educational objectives, which takes into account local and/or national resources, wisdoms, needs and interests, as well as vision and mission of the Program-Operating Institution (POI)]			<contoh> (1.1) Naskah Akademik Pengembangan Kurikulum XXXX hal. 13-18 (1.2) Laporan Workshop Pengembangan Kurikulum XXXX (1.3) Statuta Universitas XXXX pasal X VJai & Mlai
		2)	Paparkan proses yang diselenggarakan oleh Prodi untuk menyusun dan mengajualung secara berkala Profil Profesional Mandiri, dengan melibatkan para pemangku kepentingan Prodi. [Describe the process maintained by the Program for establishing and periodically reviewing the Profile of Autonomous Professionals, which includes the involvements of its stakeholders]			<contoh> (1.4) Peraturan Universitas No. XX tahun XXXX tentang Peninjauan dan Pengembangan Kurikulum, pasal X (1.2) Laporan Workshop Pengembangan Kurikulum XXXX (1.5) Laporan Tracer Studi tahun 2018 hal. 30, 35
1.2			Prodi menginformasikan Profil Profesional Mandiri yang telah ditetapkan kepada mahasiswa, dosen, dan masyarakat umum [The Program shall inform its students and faculty of the envisaged Autonomous Professional Profile and widely publicize it]			
		1)	Jelaskan bagaimana Prodi menyebarkan Profil Profesional Mandiri tersebut secara memadai kepada para mahasiswa, dosen, dan masyarakat umum [Describe how the Program disseminates its Profile of Autonomous Professionals adequately to students, faculties, and the general public]			<contoh> (1.6) website prodi: https://www.abc.ac.id/ik/profilprof (1.7) Buku Panuan Akademik Mahasiswa tahun XXXX halaman 5
1.3		1.3.1	Prodi menetapkan Capaian-capaian Pembelajaran Prodi (dikenal juga dengan istilah Lulusan, Student Outcomes, atau sejenisnya), yang terdiri dari kemampuan memanfaatkan pengetahuan, kecakapan, sumberdaya, serta sikap seperti tercermin dalam kompetensi-kompetensi lulusan butir (a) hingga (j) berikut, yang harus dikuasai oleh para mahasiswa pada saat menyelesaikan studi. [The Program shall establish its expected Learning Outcomes which consist of abilities to utilize knowledge, skills, resources and attitudes as described in the following (a) to (j) graduate competences to be acquired by students at the completion of their study]			

Fig. 4. Illustration of a SER template

The official SER template will be downloadable through Program Representative's registered e-mail account once evaluation process has started. It has to be worked on and uploaded back to the OES to store the information to the system.

B.1.2. Program Profile

The Program Profile template is available in .docx format and downloadable from IABEE website (iabee.or.id). Information required to be provided in this document include: (1) General Information and Program Identity, (2) Summary of Program Profile, (3) Latest Education Improvement, (4) Executive Summary of SER, (5) Formulation of Autonomous Professional Profile, (6) Relationship between Program Learning Outcomes and IABEE's Criteria of Learning Outcomes, (7) Performance Indicators and Method of Program Learning Outcomes Assessment, (8) Curriculum Design, (9) Road Map of Learning Outcomes Achievement through Course Structure, (10) Program Curriculum, (11) Learning Implementation on Engineering Design, (12) Summary of Program's Quantitative Data, (13) Sample of Academic Transcript, (14) Summary of Faculty Members Data, (15) Sample of Syllabi and/or Course Semester Learning Plan, (16) Samples of Exam Questions or Assessment of Learning Outcomes, Student Answer Sheet, and Assessment Results, (16) List of Facility of Learning, and (17) Condensed Curriculum Vitae of Faculty Members.

Fig. 5 depicts the cover page of Program Profile template. Upon completion, this document is to be converted into PDF format and submitted to OES together with SER and other document(s) of supporting evidence.

Versi 2020



IKHTISAR PROGRAM STUDI
Summary of the Program

<NAMA INSTITUSI PENGELOLA PROGRAM STUDI>
<NAMA INSTITUSI PENGELOLA PRODI DALAM BAHASA INGGRIS>

<NAMA PROGRAM STUDI>
<NAMA PRODI DALAM BAHASA INGGRIS>

Tipe Akreditasi (Accreditation Type):
<General/Provisional>

Disiplin (Discipline):
<contoh: Civil and similarly named engineering program>

Tipe Evaluasi (Evaluation Type):
<Baru/Interim/Lanjutan>

Kriteria Akreditasi (Accreditation Criteria):
<Teknik versi 2020 / Computing versi 2020>

Tanggal Unggah (Date of Upload):
<HH/BB/TTTT>

Dokumen ini merupakan kelengkapan Laporan Evaluasi Diri (LED) Program Studi yang harus diunggah pada Sistem Evaluasi Online IABEE sebagai salah satu lampiran LED. Sebelum diunggah, konversikan dokumen ini terlebih dahulu ke dalam file berformat PDF. Pastikan ukuran file maksimum 30 Megabytes setelah dikonversi

Fig. 5. A Program Profile template

B.1.3. Preparing Evidence

Evidence provided to support a claim of fulfillment must be directly related or relevant to the evaluation item in question. Relevant evidences can assume various forms, such as documents (e.g. institution's policies and procedures, curriculum and syllabi, quality assurance, tracer study reports, activity reports, etc.), records (e.g. student transcripts, minutes of meeting, sample of student's works, assessment results), and others (e.g. photographs, audio-visuals, software). Due to limited file size allowance for a program, only relevant parts of the evidence are considered sufficient to support a claim. Full or larger volume of evidence may be inspected during On-Site Visit upon evaluator's request.

The proofs or evidences of the fulfillment of evaluation items are to be gathered systematically in a file(s) (in PDF format) and uploaded as attachment(s) to the SER.

In circumstances where Live Online Evaluation has been decided by IABEE to replace On-Site Visit during an Accreditation Evaluation Cycle, there will be additional instructions for study programs in preparing evidence (see Section D).

B.2. Evaluation Judgement and Decision

B.2.1. General Accreditation

In an evaluation for General Accreditation, the degree of fulfillment to each accreditation criterion of a program is determined by evaluation results documented in the OES. The terminology used to declare the degree of fulfillment to each evaluation item is as follows:

- **Acceptable** (abbreviated as 'A'), which means that the evaluated item fulfills the associated Accreditation Criteria item.
- **Concern** (abbreviated as 'C'), which means that the evaluated item fulfills the associated Accreditation Criteria item, but with a possibility of changes in pertinent conditions in the future which may compromise the fulfillment.
- **Weakness** (abbreviated as 'W'), which means that the evaluated item indicates an insufficiently strong fulfillment to the associated Accreditation Criteria item. This shortcoming requires corrective actions to strengthen the fulfillment of the specific evaluation item to the appropriate Accreditation Criteria item.
- **Deficiency** (abbreviated as 'D'), which means that the Program is unable to fulfill with the particular Accreditation Criteria item.

In addition, evaluation may also provide an observation, i.e. comments that are not directly related to accreditation criteria and actions but are offered to assist the program in conducting continual quality improvement; and statement of strength, which is a very effective and prominent condition or practice that is above the norm and has a positive effect on the program.

Each Accreditation Criterion consists of several sub-criteria, and in total there are 12 sub-criteria to be judged. Each sub-criterion may have several evaluation items listed in the Evaluation Worksheet. The "A-C-W-D" judgement is applicable to each of evaluation item and will be eventually aggregated to form just 12 scores. Aggregation of evaluation item scores into a single sub-criteria score is in general determined by the lowest item score. The final

results of “A-C-W-D” judgement containing 12 sub-criteria scores shall determine the accreditation status given to the program in the case of General Accreditation.

Upon approval of Accreditation Council, final judgement results will lead to one of the following accreditation decisions:

- **Accredited.** This status implies that the Program meets all criteria and rules as outlined in the Accreditation Criteria and the RPEA. This accreditation status is valid for a period of five years.
- **Accredited with Interim Evaluation without Visit.** This status implies that the Program indicates unresolved shortcomings of the ‘Weakness’ category (“W” score). These shortcomings are such that visit is not deemed necessary to assess future corrective actions. This status is valid for a period of two or three years, after which the Program must undergo an Interim Evaluation based on desk study.
- **Accredited with Interim Evaluation with Visit.** This status implies that the Program indicates unresolved shortcomings of the ‘Weakness’ (“W” score) category. These shortcomings are such that a visit is deemed necessary to assess future corrective actions. This status is valid for a period of three years, after which the Program must undergo an Interim Evaluation which includes both desk study and on-site visit.
- **Not Accredited.** This status implies that the Program fails to substantially fulfill IABEE Accreditation Criteria as indicated by unresolved shortcomings in the ‘Deficiency’ category (“D” score) and Rules and Procedures for Accreditation and Evaluation (RPEA).

B2.2. Provisional Accreditation

In the Evaluation for Provisional Accreditation, the degree of program fulfillment to Accreditation Criteria is determined by evaluation results documented in the OES. Based on the evidences studied by assigned program evaluator, a score of either “Yes” or “No” would be used to mark each evaluation item as a conclusion whether or not, from the evaluator’s viewpoint, the Program has a solid potential to meet the requirement within a foreseeable future (4 years or less).

Reflecting on the purpose of Provisional Accreditation, namely to measure program’s potentials of meeting the Accreditation Criteria within a foreseeable future, the importance of a provisional accreditation evaluation lies in the narratives or comments made by the evaluator showing shortcomings and gap analysis between the current practice and the requirement, rather than the “Yes-No” judgement itself.

Upon approval for Accreditation Council, evaluation for Provisional Accreditation for a program ultimately finalizes in one of the following status:

- **Provisionally Accredited.** This status implies that the Program has the potentials of meeting the Accreditation Criteria within a foreseeable future (i.e. 4 years). Given eligibility requirements are fulfilled, a program accredited in Provisional Accreditation is expected to apply evaluation for General Accreditation within a period of four years.
- **Not Accredited.** This status implies that the Program has substantially low potentials to meet all Accreditation Criteria and RPEA items within 4 years.

C. Information for Program Evaluators

C.1. Competency and Code of Ethics

Program evaluators are the most important “face” of IABEE. They play a significant role to ensure consistent implementation of criteria, rules and procedures, objective review, fair accreditation decision, and produce quality report. A program evaluator is therefore expected to be technically current, an effective communicator, interpersonally skilled, team-oriented, professional, and organized. Evaluator who assumes the responsibility as a Team Chair is expected to have a good leadership and team management skills, in addition to the above-mentioned qualities.

IABEE demands that all personnel, including program evaluators, involved in carrying out the mission of IABEE demonstrate the highest standards of professionalism, honesty and integrity. The services provided by IABEE demand impartiality, justice and equality, so that every person must carry out their duties with the highest standards of ethical behavior, by avoiding any potential conflict of interest, and by maintaining the confidentiality principles.

C.2. Principles of Evidence-based Evaluation

To achieve objectivity and un-biased decision, evaluation for accreditation shall be conducted based on evidence in a strict adherence to the accreditation criteria and RPEA, regardless of the reputation which may be associated with the program under evaluation or its operating institution. No evaluation is to be made without the presence of supporting evidence. An evaluator is, therefore, expected to give a maximum opportunity to the program for presenting the evidence for every claim of fulfillment.

Upon presentation of evidence, evaluator should not compare the conditions of the program being evaluated with the conditions in the institutions of his/her origin or any other institutions, because each program has the flexibility to determine the outcome standards of its graduates in accordance with the vision, mission, and conditions of its resources.

C.3. Judgement and Feedbacks

A program evaluator must be able to clearly distinguish between four levels of fulfillment to a given evaluation item, whether it is acceptable (A), a concern (C), a weakness (W), or a deficiency (D), to provide appropriate statement reflecting the judgement, and to be aware of the consequences carried by each of the fulfillment levels in both determining accreditation

decision and the necessary corrective measures. To realize these abilities, a considerable proportion on the context of judgement is taught in evaluator training exercise. In addition, exchanges of opinions and viewpoints among evaluators regarding the judgement that take place during document review processes and On-Site Visit should enhance the ability.

In writing an evaluation report, a program evaluator must be fully aware that accreditation is a means of quality betterment. Therefore, the way the report is written should be able to assist the program in improving its education quality.

D. Live Online Visit

D.1. Principles

Live online visit is an evaluation step set out as an alternative for conducting the normal on-site visit. Originally developed during the world-wide outbreak of COVID-19 in 2020, this type of visit can replace the normal visit in a situation where EAC IABEE considers it necessary. Whenever IABEE decides to resort to a live online visit in replacement of an on-site visit, it has to be kept in mind that the objectivity principles of an evidence-based evaluation are to be maintained, with maximum reference to the typical on-site visit schedule and policies as mentioned in the RPEA document. While a quality face-to-face online and live meeting should take place to allow for an effective evaluation, a safe and healthy procedure and environment for conducting the meeting shall be one of primary considerations.

D.2. Requirements

IABEE will provide an online meeting platform and delegate the evaluation team/evaluator as the host of the meeting. Program representatives and other related meeting participants will be invited by the host. However, to enable successful and seamless live online visits, Program is required to provide the followings:

- (1) Sufficient and stable internet connection. A connection provided by a main internet provider with a secondary backup provider to secure the connection is advisable,
- (2) Acceptable quality of audio visuals and mobile camera,
- (3) Cloud storage that is well structured and accessible to the evaluation team/evaluator,
- (4) Sufficient number of accounts registered to the online meeting platform,
- (5) Sufficient quality of computer performance.

D.3. Policies

In addition to the general policies governing a standard on-site visit as stated in the RPEA, the following policies apply to a live online visit.

- (1) Program shall provide on-campus rooms to accommodate 3 (three) functions, i.e. meeting, evidence display, and interview. Rooms which are assigned for meeting and interview shall be equipped with a spatial camera linked to a meeting account to show the whole room situation.

- (2) Program shall organize display names so that meeting participants are easily recognizable by evaluation team/evaluator in which group they belong to (e.g. lecturers, students, alumnae, POIR, PR, etc.)
- (3) Program shall be available for rehearsal session to be arranged by evaluation team chair/evaluator well before the date(s) of online visit.
- (4) Formal business dress code applies to all meeting participants.
- (5) Taking photographs, screen shots, audio/video taping and recording are not allowed during all live sessions.
- (6) Publicizing accreditation evaluation process in any media is prohibited.

D.4. Preparing Evidence

Evidence to be prepared for accreditation evaluation that utilized live online visits are of two groups, i.e. physical and digital. Evidence will be examined by the evaluation team throughout the evaluation processes, including during desk reviews, evaluation visits, and post-visit improvement reviews.

D4.1. Digital Evidence accompanying Self Evaluation Report (SER)

To accompany evidence provided partially in the PDF files submitted as attachments of the SER, the complete version of the evidence shall be stored in a cloud storage and well organized into 12 different folders associated with each of the 12 sub-criteria found in Common Criteria, i.e. 1.1, 1.2, 1.3, 2.1, 2.2, 2.3, 2.4, 2.5, 3.1, 3.2, 4.1 and 4.2. Evidence applicable for several criteria must be duplicated in each relevant folder for easy access. Evidence shall include recorded virtual tour of facilities, including classrooms, teaching laboratories and lab equipment, library, student common spaces, supporting facilities, program management offices, etc.

D4.2. Digital Evidence to be confirmed during Online Visit

Evidence prepared to be confirmed during live online visit is typical to that prepared and displayed for an on-site visit. The evidence includes, but not limited to learning outcome assessment documents (including evaluation results & their improvement actions), rubric files, portfolios for each class of all courses offered in the last academic year, organized by subject course. In advance communication with program representative, evaluation team chair may request additional evidence needed to confirm fulfillment of accreditation criteria. All evidence stored in the cloud shall be organized and well-structured for easy access by evaluator team. Any update made after exit meeting shall be written in different file name(s) and not to replace or overwrite the existing evidence in the same folder.

D4.3. Physical Evidence

Physical evidence is any evidence to accompany evidence that has already been submitted with SER or additional evidence considered necessary to prove any fulfillment claim of an accreditation criterion. For example: main textbooks, program handbooks, curriculum documents, safety guidelines, examples of students lab reports, lab works modules, capstone project reports, co-op/internship reports, university/faculty regulation and decrees, minutes of meetings of program's faculties, with students, with stakeholders, etc. All physical evidence shall be organized and well-structured, stored in a room dedicated for evidence display.

Physical evidence will be inspected during the live on-line visit. Program representative will be asked to show a particular evidence to evaluation team using a live streaming camera.

D.5. Program's Integrity Statement

Program Representative, on behalf of Program Operating Institution, related faculty, students, alumnae, and stakeholders shall sign the Integrity Statement Form prepared by IABEE. The form shall be submitted to IABEE along with SER submission or via IABEE Secretariat through email.

D.6. Force Majeure

Under an unpredictable situation which cause the failure of live session(s), the evaluation team/evaluator will reschedule the session(s) in consultation with the program. Since live online visit is basically a replacement of on-site visit, referring to RPEA, any rescheduled session shall take place prior to the First Evaluation step.