

**ANALYSIS OF THE ACHIEVEMENT OF QUALITY  
EDUCATION PRACTICUM IN MECHANICAL  
ENGINEERING STUDY PROGRAM FKIP PALANGKA  
RAYA UNIVERSITY**

**ANALISA PENCAPAIAN KUALITAS PELAKSANAAN PRAKTIKUM DI  
PROGRAM STUDI PENDIDIKAN TEKNIK MESIN FKIP UNIVERSITAS  
PALANGKA RAYA**

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**Abstrak :**

Peran laboratorium dalam pendidikan teknik sangat penting karena memberikan pengalaman dan memperdalam keterampilan. Begitu pentingnya peran dari laboratorium, maka seyogianya kualitas pelaksanaan praktikum perlu mendapatkan perhatian yang penting. Hasil penelitian pada kuadran A menunjukkan responden memberikan penilaian penting terhadap faktor ketersediaan alat/bahan praktikum, dengan tingkat kesusaianya sebesar 45,7%. Nilai X sebesar 2,368 menunjukkan tingkat kinerja masih rendah ini mengindikasikan persiapan praktikum masih belumlah maksimal. Nilai Y didapatkan sebesar 5,179 mengindikasikan responden menganggap kebutuhan akan ketersediaan alat/bahan praktikum sangat diperlukan. Pada kuadran B, faktor kesesuaian antara diklat dengan pembelajaran mata kuliah mempunyai nilai X dan Y sebesar 3,768 dan 5,379 hal tersebut menunjukkan tingkat kinerja memiliki kategori baik dan tingkat kepentingannya tinggi, dengan tingkat kesusaianya sebesar 70,1%. Faktor keterampilan dosen / laboran mendemonstrasikan penggunaan alat mempunyai tingkat kesesuaian 73,4%. Kedua faktor tersebut perlu untuk dipertahankan.

**Kata Kunci :** Kuadran, Praktikum, Importance Performance Analysis.

**Abstract:**

Laboratorium role in engineering education is very important because it provides the experience and deepen skills. So important is the role of laboratory, then should the quality of practical implementation needs to be addressed is important. The results of the study in quadrant A shows respondents provide an important assessment of the factors availability of tools / materials practice, with a compliance rate of 45.7%. X value of 2.368 indicates the performance level is still low, indicating preparation lab still has not maximized. Y value obtained for 5,179 respondents indicated considers the need for the availability of tools / materials practice is needed. In quadrant B, factor correspondence between education and training to learning courses have X and Y values of 3.768 and 5.379 that indicates the level of performance has a good category and importance, with higher kesusaianya 70.1%. Factors skills of lecturers / laboratory demonstrates the use of having 73.4% concordance rate. Both of these factors need to be maintained.

**Key Words:** Quadrant, Practice, Importance Performance Analysis.



