Tracer Study at the University of Riau: First Comprehensive Attempt to Collect the Data from the Alumni

Joko Samiaji
jsamiaji@unri.ac.id

Arisman Adnan
arisman_adnan@unri.ac.id

University of Riau Accreditation Unit

EXLIMA International Conference
Outline

Introduction:
  Background
  Questions
Methods
Results and Discussion
Conclusions
Background

A comprehensive tracer study (TS) did not exist at University of Riau (UNRI) until 2011.

Various projects of TS have been done with the main aims in providing data for the accreditation process.

The data collected from such former tracings were insufficient, un-comparable and limited to certain aspects.
Research Questions

a. How long did the alumni wait to get the first job and by what means?

b. How was the alumni employability in terms of the job sector, reasons in taking the job and the first salary?

c. In what extend was the study program curriculum supporting the first job of the alumni?
Methods

Compiling the alumni list from the alumni book who attended the convocation in 2009.

Sending the information on TS to the heads of study programs.

Publicising the TS on UNRI mailing list and social networking fora.

Sending e-mail and SMS (including PIN) to alumni.

Recontacting the alumni in August 2011 (period 1) and October – November 2011 (period 2).
Methods

Establishment of UNRITRACE web site.

Data was collected via a questionnaire (using Qtafi) that was filled online through UNRI’s website.

The uploaded questionnaire comprised of 15 pages with 256 variables.

Data analysis used SPSS Vers. 17.
## Results

Number of graduates and valid contact address

<table>
<thead>
<tr>
<th>Faculty</th>
<th>Graduates</th>
<th>Contacted Address</th>
<th>Valid Contact</th>
</tr>
</thead>
<tbody>
<tr>
<td>Education</td>
<td>579</td>
<td>332</td>
<td>181</td>
</tr>
<tr>
<td>Natural Sciences</td>
<td>137</td>
<td>38</td>
<td>38</td>
</tr>
<tr>
<td>Engineering</td>
<td>70</td>
<td>45</td>
<td>30</td>
</tr>
<tr>
<td>Agriculture</td>
<td>117</td>
<td>41</td>
<td>41</td>
</tr>
<tr>
<td>Fishery &amp; Mar.Sc.</td>
<td>197</td>
<td>30</td>
<td>32</td>
</tr>
<tr>
<td>Medicine</td>
<td>112</td>
<td>17</td>
<td>13</td>
</tr>
<tr>
<td>Social Sciences</td>
<td>360</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>Law</td>
<td>105</td>
<td>35</td>
<td>14</td>
</tr>
<tr>
<td>Economics</td>
<td>302</td>
<td>10</td>
<td>5</td>
</tr>
<tr>
<td>Nursing</td>
<td>154</td>
<td>31</td>
<td>28</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>2133</td>
<td>584</td>
<td>387</td>
</tr>
</tbody>
</table>
Response rate

74 graduates filled the questionnaires
Gross RR = (74/2133) * 100% = 3.4 %
Net RR = (74 / 387) * 100% = 19.1 %

Gender

Females = 45 (61%)
Males = 28 (39%)
Characteristics of alumni: marital status

- Single: 81
- Married: 15
- Widow/er: 1
- Others: 3

Pie chart showing the distribution of marital statuses among alumni.
Characteristics of alumni: province of origin

- **Riau**: 80
- **W.Sumatera**: 16
- **Others**: 4

- **Legend**:
  - Blue: Riau
  - Red: W.Sumatera
  - Green: Others
Length the time to get the first job

One of the key performance indicators for university accreditation duration in getting first job.

The length of time to get a job was 5 months, or lower than time needed at national level which is 10 months.

Alumni from the UNRI’s Faculty of Education were the fastest group of alumni in getting the first job. (UI = Health Sciences, Computer Science)
**Job seeking sources**

1. Advertisement in newspaper/magazine: 30
2. Internet/online advertisements/ mailing list: 25
3. Relations (eg: lecturers, parents, friends, etc.): 23
4. Job Expo: 14
5. Contacted by the company: 10
6. Information from UNRI Career Center: 10
7. Contacting companies without checking for vacancies: 8
8. Established networking since was in university: 5
9. Established my own business: 5
The salary was regarded as important aspect, yet the alumni took the challenge of the offered job as the most pivotal consideration. Distance from home might have connected with the alumni origin.
80% of alumni worked after 2 years from graduation
44% of graduates were government employees, and 35% were working on private sectors.
Salary of alumni

The average monthly income of respondents was IDR 2,100,000.00 or ca. USD 230. The latest data in 2012 ranged from IDR 1,500,000.00 – 4,000,000.00

UI’s alumni average salary was IDR 3.5 million monthly or ca. USD 365.
Competences and UNRI contribution

Competences:
- Knowledge on own subject
- Learning ability
- Communication skill
- Research skill
- Critical thinking
- Computer skill
- General knowledge
- Internet skill
- Working underpressure
- Knowledge on other subject

UNRI contribution:
- Very high
- Very low

Arithmetic Mean:
- Very low
- Very high
Competences and UNRI contribution

<table>
<thead>
<tr>
<th>Competence</th>
<th>UNRI contribution</th>
<th>Competence</th>
</tr>
</thead>
<tbody>
<tr>
<td>Problem solving</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Working in different culture</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tolerance</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Teamwork</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Adaptation</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Working independently</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Analysis ability</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Time management</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Negotiation</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Competences and UNRI contribution

- Report writing
- Longlife learning
- Loyalty and integrity
- Presentation skill
- Responsibility
- Initiative
- Leadership
- Project management

Arithmetics Mean

Very low

Very high

UNRI contribution

Competence
Study Program Usefulness

Areas of Usefulness

- Enterpr. Developm.
- Self development
- Future carreer
- Work performance
- Further professional job
- Start working

Arithmetic Mean

Very Low

Very high
Conclusions

(1) The net response rate of the feedback was 3.4 % and gross response rate was 19.1 % and the respondents were mainly coming from Riau Province.

(2) The length of study was 5 years and 5 months while the average time of seeking a job was 5 months.

(3) Half of the respondents worked for the government sector with the first income of the alumni was about IDR 2.1 millions.

(4) Alumni recommended improvement in teaching, but the study program materials were matching with their job.
thank you very much
terima kasih banyak
vielen dank