SURVEY OF DISTANCE EDUCATION IN
REPUBLIC INDONESIA

COUNTRY PROFILE

The Republic Indonesia is the largest country in southeast Asia in terms of area and population. Rich in natural resources, education is considered a major means for manpower development to make optimum use of its existing natural resources. Distance education is considered an alternative approach to achieve mass education for a large numbers of students within a short period of time.

Economy, Population and Demography:

A market economy in an upward trend, moving towards a just and affluent society. The per capita income is US$480.00. From the Fifth Development Plan (1989-94), the national budget is set at 107.5 trillion rupiah, and education shares part of the 15.8% (16,981 Rupiah) provided for the Section on "Education, Young Generation Development, National Culture, and the Belief in One God". Indonesia is the fifth most populous country in the world. In 1988 the population was about 175.6 million. By 1993 it is estimated to be about 192.9 million, with 1.9% annual rate of increase. The population is unevenly distributed. Sixty per cent of the total population is concentrated on the Java Island, which comprises only 7 percent of the land. Approximately 85% of the Indonesian population is Muslim, and 7.5% Christian. The remainder includes Hindus, Buddhists, Confucians and Animists. The age group (19-24) seeking higher education is about 20 million.

Language of Instruction:

Bahasa Indonesian--originally a dialect of Malay language.

Educational System:

The educational system in Indonesia consists of formal and non-formal education. Formal education includes (1) Primary Education (six-year), (2) Secondary Education (six years) divided into three years lower secondary level called SMP, and three years upper secondary level consisting of SMA (general secondary education), SMEA (Economics), SMKK (Technical), SPG (Primary Teacher Training), and SGO (Sport Teacher) schools; and (3) Higher education levels. Non-formal education is provided through various programmes coordinated by the Directorate for Non-Formal Education, under the auspices of the Ministry of Education and Culture. There are 44 public universities, one open university and 665 private institutions of higher learning.
**Communication Infra-structure:**

Indonesia has a complete communication infra-structure in terms of printing, radio, TV, telephone, and postal services. Its domestic satellite "Palapa", also used by other Asian countries, provides telecommunication services such as radio and TV broadcast, telephone, facsimile, and computer to other parts of the country.

**OVERVIEW OF DISTANCE EDUCATION:**

Distance education in Indonesia was established in the early 1950's in the form of correspondence school for teacher training. The most notable establishment of distance education was the Universitas Terbuka (Open University) in 1984. Since then a number of distance education departments, divisions, and programmes have been established. Presently, there are more than five organizations or institutions with distance education/training programmes.

**Factors Leading to Establishment of DE Programmes:**

(1) Inadequate seating for secondary school graduates in existing conventional educational institutions; (2) need for further education for people who have already been in the labour force; (3) need to provide education to a large number of school age population and in a short period of time; and (4) need for training of knowledge and skills in certain areas to meet the needs of particular organizations and institutions.

**Year of Establishment:**

Since 1950 for the National Teachers Distance Education Upgrading Course Development Centre, and 1984 for the Universitas Terbuka.

**Distance Education Media:**

Printed modules supplemented with audio and video programmes, and tutorials at various study centres.

**Sources of Financial Supports:**

There are three forms of financing distance education in Indonesia: Government, student fees, and assistance. Most distance education programmes in Indonesia are government sponsored. The government pays for material development and provides support for its implementation. In some cases, the government pays for the participants' tuition. In these cases the participants were usually assigned by their organization to attend the programme. Generally, the participants pay for tuition and the instructional material.

The Universitas Terbuka, the biggest distance education institution, is financed from three budgets: the routine budget, the development budget which includes foreign aid, and the education support budget. In addition, UT also receives an operational and maintenance budget. The source for the routine, the development and the operational and maintenance budget is the government. The education support budget is obtained from student fees. The budget for UT during 1989/1990 was about 12 milliard rupiah.
Growing in terms of number of institutions and programmes of study. Since the early 1950’s with the establishment of a correspondence course for the upgrading of teachers, the establishment of "School Broadcast", the number of distance education institutions is increasing such as the establishment of the Universitas Terbuka (Open University), followed by the establishment of various distance education programmes and institutes such as the National Teacher Distance Education in Bandung, Indonesian Banking Development Institute in Jakarta, National Family Coordinating Board, Ministry of Education and Culture's SD PAMONG (Open Elementary School) and SMPT (Open Junior High School), and PERUMTEL Training Centre.

At the university level, The Universitas Terbuka forms partnerships with other organizations in providing on-the-job education/training such as the Indonesian Chambers of Commerce, the Ministry of Labour, the Telecommunication Public Service, and the Directorate General of Primary and Secondary Education for upgrading qualification of primary school teachers with SPG Certificates, and secondary school education with DI and DIII Certificates.

All distance education institutions and programmes have equal legal status as other conventional institutions. For instance, the status of the Universitas Terbuka as a public university was confirmed in the Letter issued by President Suharto, the state head of Indonesia. The intent for establishing Universitas Terbuka is also written in the Fourth Five-Year Development Plan.

(1) To increase access for higher education, especially for secondary school graduates who are unable to gain admission to existing conventional educational institutions; (2) To provide further education and re-education for people who have already been in the labour force to improve the quality of teachers and people in other professions; (3) To provide education to a large number of school age population and in a short period of time; and (4) To provide training of knowledge and skills in certain areas to meet the needs of particular organizations and institutions.

Most distance education programmes, except Universitas Terbuka and the National Teachers Distance Education Upgrading Course Development Centre, are established as a department, division, or unit within existing organizations. They are controlled and managed under the organizational and management structure of each individual institution.

The Universitas Terbuka is headed by the Rector, assisted by four Vice Rectors responsible for Academic affairs, Research and social service, General administration, Student Affairs, and Programme
Operation. There are four faculties each headed by a Dean, namely (1) Economics, (2) Social and Political Sciences, (3) Mathematics and Natural Science, and (4) Teaching and Education Sciences. The control and management is undertaken by the Central Office and Regional Office. At the Central Office, responsible for general policy making and general administrative and academic activities, it consists of three centres and two bureau: (1) Centre for Research and social Service, (2) Centre for Media Production, Information and Data Processing, and (3) Centre for Examination Processing and Administration, (4) Bureau of Academic and Student Administration, and (5) Bureau of General Administration. The Regional Office, in charge of managing student affairs, tutorials, examinations, regional academic administration, and general administration, is directed by a head and assisted by administration and academic assistants.

**Instructional System:**

Most distance education institutions in Indonesia employ the print-based approach in which printed self-instructional texts are supplemented by other forms of media.

The Universitas Terbuka uses printed modules as the main instructional media (96%), supplemented with audio cassettes containing highlights of the associated material and examples to provide clarification (2%), TV programmes (0.5%), radio programmes (0.5%), face-to-face tutorials (0.5%), tele-conferencing using CB and satellite (0.5%).

Writing of the instructional modules is contracted to lecturers from other universities, who are experts in their fields. After the manuscripts are finished, they were then developed into the final product by the UT staff for implementation. UT already develops about 500 courses, constituting 3500 modules.

**Geographical coverage:**

Nation-wide covering all provinces including East Timor.

**Research Activities:**

Research activities are undertaken by the Centre for Research and Community Service divided into four categories: (1) Research studies on programme development; (2) Studies on the support system; (3) Research studies on the efficiency and effectiveness of distance system; and (4) Research studies on the development of organization.

**Enrollment and Graduates in DE Programmes:**

Enrollment in distance education programmes varies from 4,945 students at some distance education/training units in certain institution to 199,542 for the Universitas Terbuka, with the annual intake ranging from 700 to 60,000 students. The proportion of male and female students is 75:25%. The success rate of the students in a specific given period of time
for a programme is around 10%. At the Universitas Terbuka, there are about 14,565 graduates for the first degree level. For the teaching certificate level, the National Teachers Distance Education Upgrading Course Development Centre has produced 97,932 graduates since 1950.

**International Affiliation and Cooperation:**

(1) United States Agency for International Development (USAID), (2) Canadian International Development Agency (CIDA), (3) Institute for International Research and Educational Development Centre, USA, (4) International Development Research Centre (IDRC), (5) UNESCO, and (6) World Bank.

**Problems and Constraints:**

(1) Inability to attract secondary school graduates as they prefer studying at conventional institutions; (2) distance education students’ attitude and desire towards achievement; (3) Institutional capability to provide better service to students.

**LIST OF DISTANCE EDUCATION INSTITUTIONS:**

1. The Universitas Terbuka, Jakarta.
2. National Teachers Distance Education Upgrading Course Development, Bandung;
3. Centre for Educational Communication Technology, Ministry of Education, Jakarta;
4. Centre for Educational Training for Programme Personnel, National Family Coordinating Board (BKKBN), Jakarta;
5. Indonesian Banking Development Institute (LPPI), Bureau of Distance Learning Programme, Jakarta;
6. PERUMTEL Training Centre, Division of Distance Learning System, Bandung.
UNIVERSITAS TERBUKA: THE OPEN UNIVERSITY OF INDONESIA
MINISTRY OF EDUCATION AND CULTURE

INSTITUTIONAL DATA

Year of Establishment: 1984

Name of Head: Professor Setijadi
Position: Rector
Address: Jalan Cabe Raya
         Pondok Cabe-Ciputat
         Kotak Pos 6666
         Jakarta 10001, INDONESIA

Telephone: (021) 749-0941
Telex: 47498 UTER IA
Fax: (021) 749-0147

Nature of institution: The Universitas Terbuka (Open University of Indonesia-UT) was established as a national, single-mode distance education institution of higher learning by a Presidential Decree and was inaugurated in September 1984 by the President at Presidential Palace.

Educational levels provided for DE programmes:
1. Bachelor's Degree: Drs., Dra. (S1)
2. Diploma Level D-III
3. Diploma Level D-II

Titles of DE programmes: Bachelor's Degree: S1 (Drs. and Dra.)
1. Education (Teaching English, Bahasa Indonesia, Mathematics, Physics, Chemistry, and Biology)
2. General Economics
3. Management
4. Business Administration
5. Public Administration
6. Development Administration
7. Applied Statistics
Diploma Level D-III:
1. Taxation.
Diploma Level D-II:
1. In-service Training in Teaching English, Bahasa Indonesia
and Mathematics.

C. Certificate Level (Continuing Education):
1. Certificate in English Study
2. Certificate in Computer

Governance: A national establishment.

Objectives: The UT was established to provide senior high school graduates with better access to higher education, to train increasing numbers of manpower in areas demanded by the economic and social development of the country in a faster and more economical approach. Generally, the UT’s aims cover the following areas:
1. National development
2. Personal development
3. Life-long recurrent education
4. Expansion of educational opportunity
5. Equality of educational opportunity
6. Training of skilled manpower
7. Cost-effectiveness
8. Promotion of democracy

Sources of financial support of DE programmes:

Tuition Fees:
1. The employer/sponsor who recommends the student to attend distance education pays all tuition expenses for the student.
2. The student pays all tuition expenses by himself/herself in the amount of US$ 60-130 per year.

Budget:
Approximate annual budget for distance education of the institution for the fiscal year of 1990 was US$2.5 million (From the Government US$1.5 million and from tuition fees US$1.0 million).

Trends of development of DE resources and activities:

Expanded:
Financial provision
Distance education programmes
Local study centres
Telecommunication equipment
Printed texts
Variety of courses offered

Decreased:
Face-to-face sessions

Stable:
Teaching force
Broadcast programmes
AV aids
Library resources

**Trends of enrollment in DE Programmes:**
Increasing

**Number of current DE students:**
109,980 students

**Number of annual intake of DE students:**
- 1984: 54,035
- 1987: 31,035
- 1990: 65,000
- 1991: 110,000

**Number of students currently enrolled in each DE level:**
1. Bachelor’s Degree: S1 35,000
2. Diploma Level D-III 2,470
3. Diploma Level D-II 70,000
4. Certificate Level 2,510

**Number of annual DE graduates:**
- Year: 1985-87
  - Graduates: 8,500
- 1988
  - Graduates: 2,385
- 1989
  - Graduates: 1,423
- 1990
  - Graduates: 2,215
- 1991
  - Graduates: 1,346

**Accumulative number of DE graduates:**
A total of 15,869 graduates since establishment in 1984.

**Components of personnel in DE:**
A mix of full-time and part-time faculty members.

**Number of full-time staff:**
- Academic: 726
- Non-academic: 672
- Total: 1,398

**Number of part-time staff:**
- Part-time academic: 350
  (Appointed as course writers)

**Number of Courses and programmes:**
- Number of courses offered: 550
- Number of programmes offered: 26

**Production of teaching materials/media:**
1. Teaching materials and media are produced individually by conventional university senior lecturers (90%) assisted by media production specialist. The course team approach is not used.
2. The way teaching materials are produced: Course writing
workshops on techniques of writing distance learning materials are conducted for all writers. Then, the writers write the materials at home.

3. The stages are: (1) Writing the course outline; (2) Writing the first draft of instructional materials, (3) Content and language review by other experts; (4) Get the writer's approval; (5) Design and lay out graphic illustrations; (6) Conduct formative evaluation, and (7) Implementation.

**Regional/Study Centres:**

- Number of Regional Centres: 32
- Local Study Centres: 110 (as examination venues)

**Operators of these centres:**

They are run by UT staff (90%) and conventional universities (10%)

**Sources of financial support:**

From the Government.

**Major functions of these centres:**

1. Registration
2. Providing tutorial sessions
3. Providing counselling services
4. Marketing and public relations
5. Providing examinations

**Overall student Profile:**

<table>
<thead>
<tr>
<th>Age distribution</th>
<th>Years:</th>
<th>(%)</th>
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<tbody>
<tr>
<td>Under 21</td>
<td>3.0</td>
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<tr>
<td>Between 21-30</td>
<td>41.2</td>
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<tr>
<td>Between 31-40</td>
<td>41.2</td>
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<td>Between 41-50</td>
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<table>
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<th>Gender distribution</th>
<th>Sex:</th>
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<th>Income Level:</th>
<th>Level:</th>
<th>(%)</th>
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<td></td>
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<td>Bottom</td>
<td>61.0</td>
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<tr>
<td><strong>Total:</strong></td>
<td><strong>100.0</strong></td>
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</tr>
</tbody>
</table>
### Geographical distribution:

- **Urban**: 65.0
- **Rural**: 35.0
- **Total**: 100.0

### Areas:

**Occupational and Ethnic Composition of DE Students**

**Ethnic Composition:** Homogeneous

**Occupational distribution:** (%)

- Primary school teachers: 65.0
- Secondary school teachers: 5.0
- Other occupations: 10.0
- Non-working: 20.0
- **Total**: 100.0

**Future development:**

Possible distance education development in the next 5-10 years is the expansion of continuing education and diploma level programmes to meet the needs of specific groups of students.

### Major obstacles for implementing distance education:

1. Difficulties in making use of television because of high cost and inability to reach students in rural areas
2. Postal services take too long to deliver learning and examination materials to students
3. Making use of computer network is still difficult for most regional offices.

### Affiliation with regional and international DE organizations:

AAOU (Association for Asian Open Universities)

### PROGRAMMES OF INSTRUCTION, MEDIA, METHODS, & EVALUATION

- List of Programmes:
  1. Bachelor's Degree: Drs., Dra. (S1)
  2. Diploma Level D-III
  3. Diploma Level D-II
PROGRAMME I: *BACHELOR'S DEGREE PROGRAMMES*

**Level:** First degree (S1)

**Title of programme offered in this level:** In-service Training for Senior High School (SHS) Teachers

**Courses or programmes of instruction:**
- Educational Studies:
  - Teaching Mathematics for SHS Teachers
  - Teaching English for SHS Teachers
  - Teaching Bahasa Indonesia for SHS Teachers
  - Teaching Physics for SHS Teachers
  - Teaching Chemistry for SHS Teachers
  - Teaching Biology for SHS Teachers.

**Length of course:**
- *Minimum number of study hours per week per course:* 10 hours
- *Total number of weeks per course:* 18 weeks
- *Total number of courses making up programmes:* 30 courses

**Media and method:**
- *Most dominant:*
  - Printed texts.
- *Dominant:*
  - Kits
  - Practical work
  - Face-to-face tutoring
- *Least dominant:*
  - Audio-cassettes
  - Radio
  - Radio via satellite
  - Television programmes
  - Tutoring via mail
  - Face-to-face counselling
  - Regional services
  - Study centres

**Language of instruction:** Indonesian language *(Bahasa Indonesia)*.

**Admission requirements:**
1. Having completed the D-II level of Diploma
2. Be a citizen of the country
3. Be a current employee
4. Get recommendation from his/her employer
5. Have the work experience of two years
Number of students: 5,000 students.

Annual intake of DE students: 2,000 students (1990).

Evaluation system:

Continuous assessment:
1. Written intermediary examinations
2. Attendance at the local study centre.

Final course assessment:
1. Written final examinations
2. Final take-home assignments.

Educational and employment arrangements for graduates:
None because most students get credits for promotion after graduation.

Profile of students in this level:

By Educational Background: Data not available

By Employment: Data not available

By types of career: (%) In-service trainees 100.00 (e.g. teachers, nurses): -
Total: 100.00

By gender: (%) Male: 60.00 Female: 40.00
Total: 100.00

Acceptance of final award, certificate, and degree: Accepted as equal to a comparable award given by a non-distance education institution because the University is a state university and the graduates have been promoted according to national regulations.
PROGRAMME II: DIPLOMA PROGRAMMES LEVEL D-III

Level: Diploma Level D-III

Title of programme: In-service Training for Senior High School (SHS) Teachers

Course or programme of instruction: Taxation

Length of course: Minimum number of study hours per week per course: 10 hours
Total number of weeks per course: 18 weeks
Total number of courses making up programmes: 40 courses

Media and methods: Most dominant:
Printed texts
Dominant:
Audio-cassettes
Least dominant:
Audio-cassettes
Radio
Radio via satellite
Television programmes
Tutoring via mail
Face-to-face counselling
Regional services
Study centres.
Face-to-face tutoring

Language of instruction: Indonesian language.

Admission requirements:
1. Having completed Senior High School
2. Be a citizen of the country or get special permission from Director General of Higher Education

Number of students: 500 students

Annual intake of DE students: 100 students (as of 1990)

Evaluation system:
Continuous assessment:
1. Written intermediary examinations
2. Attendance at the local study centre
**Final course assessment:**
1. Written final examinations
2. Final take-home assignments

**Educational and employment arrangements for graduates:**
None because the students, after graduation, get credits for promotion.

**Profile of students in this level:**
*By Educational Background:* Data not available
*By Employment:* Data not available

**By types of career:** (%)
- In-service trainees: 100.00
- (e.g. teachers, nurses): -
- Total: 100.00

**By gender:** (%)
- Male: 60.00
- Female: 40.00
- Total: 100.00

**Acceptance of final award, certificate, and degree:**
Accepted as equal to a comparable award given by a non-distance education institution because the University is a state university and the graduates have been promoted according to national regulations.
PROGRAMME III: DIPLOMA LEVEL D-II

Level: Diploma Level D-II

Title of programme offered in this level:
1. Inservice Training for Junior High School (JHS) Teachers
2. Inservice Training for Primary School (JHS) Teachers

Courses or programmes of instruction:

*Educational and In-Service Training for Teachers:*
- Teaching Mathematics for JHS Teachers
- Elementary School Teacher Training
- Teaching English for JHS Teachers
- Teaching Bahasa Indonesia for JHS Teachers
- Teaching Physics for JHS Teachers
- Teaching Chemistry for JHS Teachers
- Teaching Biology for JHS Teachers
- Teaching Social Science for JHS Teachers
- Teaching National Pancasila Philosophy for JHS Teachers.

Length of course:

*Minimum number of study hours per week per course:* 10 hours
*Total number of weeks per course:* 18 weeks
*Total number of courses making up programmes:* 15 courses for JHS Teachers (They have already earned D-I Certificate before entering the D-II Programme), and 30 courses for Primary School Teachers (They must have a Senior High School Certificate before entering the D-II Programme).

Media and methods:

*Most dominant:*
- Printed texts

*Dominant:*
- Audio-cassettes
- Practical work
- Face-to-face tutoring

*Least dominant:*
- Kits
- Audio-cassettes
- Radio
- Radio via satellite
- Television programmes
- Tutoring via mail
- Face-to-face counselling
- Regional services
- Study centres
Language of instruction: Indonesian language.

Admission requirements:
1. Having completed the D-I for Junior High School teachers, and a Senior High School certificate for Primary School teachers
2. Be a citizen of the country
3. Be a current employee
4. Get recommendation from his/her employer
5. Have the work experience of two years.

Number of students: 75,000 students.

Annual intake of DE students:
1990  25,000
1991  50,000.

Evaluation system:
Continuous assessment:
1. Written intermediary examinations
2. Attendance at the local study centre (Primary School teachers only).

Final course assessment:
1. Written final examinations
2. Final take-home assignments.

Educational and employment arrangements for graduates: None.

Profile of students in this level:
By Educational Background: Data not available.
By Employment: Data not available.

By types of career: (%)
In-service trainees 100.00
(e.g. teachers, nurses): -
Total: 100.00

By gender: (%) Male: 60.00 Female: 40.00 Total: 100.00

Acceptance of final award, certificate, and degree: Accepted as equal to a comparable award given by a non-distance education institution because the University is a state university and the graduates have been promoted according to national regulations.
PROGRAMME IV: CERTIFICATE PROGRAMMES

Level: Certificate Level.

Titles of programmes offered in this level:
1. Certificate in English Study
2. Certificate in Computer

Courses or programmes of instruction:
Language: English
Mathematics: Computer Sciences
Social Sciences: Entrepreneurship.

Length of course:
Minimum number of study hours per week per course: 10 hours.
Total number of weeks per course: 18 weeks.
Total number of courses making up programmes:
English Study: 20 courses
Computer: 2 courses
Entrepreneurship: 6 courses.

Media and methods:
Most dominant:
Printed texts

Dominant:
Audio-cassettes
Practical work (for Computer and English Study).

Least dominant:
Audio-cassettes
Radio
Radio via satellite
Television programmes
Tutoring via mail
Face-to-face tutoring
Face-to-face counselling
Regional services
Study centres
Practical work (Entrepreneurship).

Language of instruction:
Indonesian language.

Admission requirements:
1. Having completed the SHS certificate for Entrepreneurship but may be lower for English Study
2. Be a citizen of the country or get special permission from Director General of Higher Education
3. Be a current employee
4. Get recommendation from his/her employer
5. Have the work experience of two years.

Number of students:
Entrepreneurship: 179
English Study: 4,120
Computer: 250.

Annual intake of DE students:
For 1990 only:
Entrepreneurship: 43
English Study: 870
Computer: 50.

Evaluation system:
Continuous assessment:
1. Written intermediary examinations
2. Attendance at the local study centre.

Final course assessment:
1. Written final examinations for all programmes
2. Written and oral examinations for English.

Educational and employment arrangements for graduates:
None.

Profile of students in this level:

By Educational Background: Data not available.
By Employment: Data not available.

By types of career: (%)
In-service trainees 100.00
(e.g. teachers, nurses): -
Total: 100.00

By gender: (%)
Male: 60.00
Female: 40.00
Total: 100.00

Acceptance of final award, certificate, and degree:
Accepted as equal to a comparable award given by a non-distance education institution because the University is a state university and the graduates have been promoted according to national regulations.
NATIONAL TEACHERS DISTANCE EDUCATION
UPGRADING COURSE DEVELOPMENT CENTRE
(Pusat Pengembangan Penataran Guru Tertulis-PPGT)
Directorate General of Elementary and Secondary Education
Ministry of Education and Culture

INSTITUTIONAL DATA

Year of Establishment: 1950.

Name of Head: Dr. Mohamad Hasanudin
Position: Director
Address: Jalan R. Cipto No.9
Bandung - 40171
Indonesia.

Telephone: 430068, 437041

Nature of institution: Distance teaching only.

Level Provided for DE programme: Pre-degree, Certificate levels.

Titles and levels of DE programmes:
1. Title: Refreshing Course Programme
   Level: Certificate
2. Title: Improving Teacher Qualification Programme
   Level: Certificate.

Governance: A national establishment. The PPGT was established by the Decree of the Ministry of Education of the Republic Indonesia No.5031/F/1950 under the name of Teacher Training Correspondence Centre. Since its establishment, PPGT changed its name five times, until 1978 when it was changed to the present name.

Objectives: PPGT aims to improve teachers' professional qualifications, especially those teachers engaged in kindergarten, elementary schools, junior (lower) secondary schools, and senior (upper) secondary schools. Specifically, PPGT meets the following objectives:
1. Teacher Education and Training
2. Personal development
3. Life-long recurrent education.
Sources of financial support of DE programmes:

**Tuition Fees:**
1. The employer/sponsor who recommends the student to attend distance education pays all tuition expenses for the student.
2. Students are required to pay US$8.00 of tuition charges.

**Budget:**
Approximate annual budget for distance education of the institution for the fiscal year of 1990 was US$103,000.

**Trends of development of DE resources and activities:**

**Expanded:**
- Distance education programmes
- Local study centres
- Study materials and Text books
- Teaching force

**Decreased:**
- None

**Stable:**
- Telecommunication equipment
- Variety of courses offered
- Audio-visual aids
- Library resources
- Written materials

**Not applicable:**
- Financial provision
- Broadcasting programmes

**Trends of enrollment in DE Programs:**

Decreasing.

**Number of current DE students:**
4,000 students

**Number of annual intake of DE students:**
7,523 students

**Number of students currently enrolled in each DE level:**
1. Pre-degree 1,500
2. Diploma/Certificate 2,500

**Number of annual DE graduates:**
4,897 graduates

**Accumulative number of DE graduates:**
97,932 graduates with overall success rate of 36.89% for elementary school teachers, and 67.1% for junior school teachers (1981-89).
Components of personnel in DE: A mix of full-time and part-time members.

Number of full-time staff: 148 full-time staff

Number of part-time staff: 10 part-time staff

Number of course and programmes: Number of courses offered: 61  
Number of programmes offered: 2

Production of teaching materials/media: Teaching materials and media, in the forms of textbooks and modules, are produced by academic staff.

The production stages are:
1. Studying curriculum;
2. Conducting workshops to develop the syllabi of courses for each programme;
3. Writing manuscripts of study materials;
4. Evaluating and editing the manuscripts;
5. Printing the books/modules; and
6. Distributing the books/modules.

Regional/Study Centres:

Number of regional and study centres: About 5-15 centres in each province

Operators of regional centres: Run by the Local Committee

Sources of financial support: From governments and participants of the programmes

Major functions of regional and study centres: 1. Providing tutorial sessions;
2. Providing tests; and
3. Providing the final examination.

Target students or recipients: Students and participants of the National Teacher Distance Education Development Centre.

Profile of Students:

<table>
<thead>
<tr>
<th>Age distribution</th>
<th>Proportion</th>
</tr>
</thead>
<tbody>
<tr>
<td>Under 21</td>
<td>-</td>
</tr>
<tr>
<td>Between 21-30</td>
<td>40</td>
</tr>
<tr>
<td>Between 31-40</td>
<td>40</td>
</tr>
<tr>
<td>Between 41-50</td>
<td>20</td>
</tr>
</tbody>
</table>

Total: 100.0
Gender distribution:

<table>
<thead>
<tr>
<th>Sex</th>
<th>(%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Male</td>
<td>60</td>
</tr>
<tr>
<td>Female</td>
<td>40</td>
</tr>
<tr>
<td>Total:</td>
<td>100.0</td>
</tr>
</tbody>
</table>

Income Level:

<table>
<thead>
<tr>
<th>Level</th>
<th>(%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Top</td>
<td>-</td>
</tr>
<tr>
<td>Middle</td>
<td>30</td>
</tr>
<tr>
<td>Bottom</td>
<td>70</td>
</tr>
<tr>
<td>Total:</td>
<td>100.0</td>
</tr>
</tbody>
</table>

Geographical distribution:

<table>
<thead>
<tr>
<th>Areas</th>
<th>(%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Urban</td>
<td>65</td>
</tr>
<tr>
<td>Rural</td>
<td>35</td>
</tr>
<tr>
<td>Total:</td>
<td>100.0</td>
</tr>
</tbody>
</table>

Occupational and Ethnic Composition of DE Students:

Ethnic Composition: Consists of ethnic groups such as Javanese, Sundanese, Chinese, etc.

Occupational distribution: Teachers of elementary, lower secondary, and upper secondary schools.

Future plan: Possible distance education development in the next 5-10 years are:
1. Distance education for teachers to be upgraded to headmasters, supervisors, etc.
2. Distance education for special education teachers to teach handicapped children.

Major obstacles for implementing distance education:
1. Long time for postal services to reach students in remote areas
2. Inadequate financial support for the programmes.

Affiliation with regional and international DE organizations:
None.

PROGRAMMES, MEDIA, METHODS, & EVALUATION:

List of DE programmes:
1. Refresher Course Programme
2. Improving Teacher Qualification Programme.
PROGRAMME I: REFRESHER COURSE PROGRAMME
PROGRAMME II: IMPROVING TEACHER QUALIFICATION PROGRAMME

Level: Pre-degree, certificate

Courses of instruction:
- Agricultural Sciences: Farming
- Humanities: History: National History, Psychology
- Languages and literature: Linguistics
- Educational Studies:
  - Curriculum development
  - Educational administration
  - Educational policy analysis and management
  - Educational psychology
  - Child psychology and counseling
  - Language, reading and communication
  - Mathematics education
  - Microelectronics and computer education
  - Pre-school education
  - Science education
  - Educational testing and evaluation
  - International education
- Physical Science: Chemistry, Physics
- Biological Science and Technology:
  - General Biology and life sciences
- Medical and Health Sciences:
  - Health studies
- Mathematics:
  - Mathematical sciences
- Social Sciences:
  - Economics, Geography
- Others: Home economics

Length of course:
- Minimum number of study hours per week per course: 2 hours
- Total number of weeks per course: 10 hours
- Total number of courses making up programmes: 400 hours

Media and methods:
- Most dominant:
  - Printed Materials
  - Study centres
- Dominant:
  - Face-to-face tutorial
  - Kits
Practical work
Day schooling
Weekend schooling
Least dominant:
Face-to-face counselling
Telephone counselling

Language of instruction: Indonesia (Bahasa Indonesia)

Admission requirements:
1. The student must have completed lower or upper secondary education before entering the distance education program
2. The student must meet the minimum required age level of 25 years
3. The student must be a citizen of the country
4. The student must be a current employee
5. The student must be recommended by his/her employer
6. The student must have four years of work experience before entering the programme
7. They must be regular teachers by the time of application

Number of students: Approximately 150,458.

Annual intake of DE students: Approximately 7,523.

Evaluation:
Continuous assessment:
1. Written assignments for submission
2. Written regular tests
3. Written intermediary examinations

Final assessment: Written final examinations

Educational and employment arrangements for graduates: No educational and employment arrangements are provided to the students because they can arrange by themselves based on the given certificates.

Profile of students in this level:

By Educational Background:

<table>
<thead>
<tr>
<th>Proportion (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Secondary/High school</td>
</tr>
<tr>
<td>Total:</td>
</tr>
</tbody>
</table>

By Employment:

<table>
<thead>
<tr>
<th>Proportion (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full-time public employees:</td>
</tr>
<tr>
<td>Total:</td>
</tr>
<tr>
<td>By types of career:</td>
</tr>
<tr>
<td>--------------------</td>
</tr>
<tr>
<td>In-service trainees</td>
</tr>
<tr>
<td>(e.g. teachers, nurses):</td>
</tr>
<tr>
<td>Total:</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>By gender:</th>
<th>(%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Male:</td>
<td>60.00</td>
</tr>
<tr>
<td>Female:</td>
<td>40.00</td>
</tr>
<tr>
<td>Total:</td>
<td>100.00</td>
</tr>
</tbody>
</table>

Acceptance of final award, certificate, and degree: Accepted
ENTRE FOR EDUCATIONAL COMMUNICATION TECHNOLOGY
MINISTRY OF EDUCATION AND CULTURE

INSTITUTIONAL DATA


Name of Head: Dr. Arief Sukadi Sadiman
Position: Director
Address: Jalan Cendrawasih, Km 15,5
Jakarta Selatan.
Telephone: 741831
Fax: 741727

Nature of institution: Conventional institution with distance teaching program.

Educational levels Provided for DE programmes:

<table>
<thead>
<tr>
<th>Title and level of DE programmes</th>
<th>Title</th>
<th>Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>Open Junior High School</td>
<td>Secondary education</td>
<td></td>
</tr>
</tbody>
</table>

Governance: A national establishment.

Objectives: Equality of educational opportunity: For ensuring the right to education in all forms for all citizens.

Sources of financial support of DE programmes:

- **Tuition Fees:** Free
- **Budget:** Data not available.

Trends of development of DE resources and activities:

- Expanded:
  - Financial provision
  - Distance education programmes
  - Local study centres
  - Telecommunication equipment
  - Teaching force
  - Broadcasting programmes
  - Audio-visual aids
Face-to-face sessions
Library resources
Laboratories
*Decreased:* None
*Stable:*
Study materials and texts
Variety of courses offered.

**Trends of enrollment in DE Programs:**
Increasing in some schools and decreasing in some.

**Number of current DE students:**
Approximately 3,000 students

**Number of annual intake of DE students:**
Approximately 5,000 students annually

**Number of students currently enrolled in each DE level:**
SMPT (Open Junior High School) 5,000 students

**Number of annual DE graduates:**
Approximately 600 graduates

**Accumulative number of DE graduates:**
5,370 graduates

**Components of personnel in DE:**
Faculty members are part-time employees.

**Number of full-time staff:**
None.

**Number of part-time staff:**
Part-time Academic: 1,000

**Number of Courses and programs:**
*Number of courses:* Approximately 14
*Number of programmes:* Approximately 7

**Production of teaching materials/media:**
Teaching materials and media are produced by (1) teachers, (2) media specialists, (3) content specialists, and (4) instructional designers who work as a course team following the three steps: (a) design, (b) develop, (c) evaluate and review. The stages are:
1. Construct elaborated syllabi based on the existing curriculum;
2. Write the modules and scripts;
3. Produce respective media;
4. Review and revise; and
5. Produce final versions of media.

**Regional/Study Centres:**

*Number of regional and local study centres:* Ten (10) at each site

**Operators of regional and local study centres:** Designated learning supervisors

**Sources of financial support:** Government

**Major functions of regional and local study centres:**
1. Providing tutorial sessions
2. Providing group study
3. Providing group counselling services

**Student characteristics:**

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Proportion</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Age</strong></td>
<td></td>
</tr>
<tr>
<td>Under 21</td>
<td>100.0</td>
</tr>
<tr>
<td>Total</td>
<td>100.0</td>
</tr>
<tr>
<td><strong>Gender</strong></td>
<td></td>
</tr>
<tr>
<td>Male</td>
<td>55.0</td>
</tr>
<tr>
<td>Female</td>
<td>45.0</td>
</tr>
<tr>
<td>Total</td>
<td>100.0</td>
</tr>
</tbody>
</table>

**Income Level:**

<table>
<thead>
<tr>
<th>Level</th>
<th>(%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Top</td>
<td>-</td>
</tr>
<tr>
<td>Middle</td>
<td>-</td>
</tr>
<tr>
<td>Bottom</td>
<td>100.0</td>
</tr>
<tr>
<td>Total</td>
<td>100.0</td>
</tr>
</tbody>
</table>

**Geographical distribution:**

<table>
<thead>
<tr>
<th>Areas</th>
<th>(%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Urban</td>
<td>40.0</td>
</tr>
<tr>
<td>Rural</td>
<td>60.0</td>
</tr>
<tr>
<td>Total</td>
<td>100.0</td>
</tr>
</tbody>
</table>

**Occupational and Ethnic Composition of DE Students:**

*Occupational distributions:*
- Farmers 50.0%
- Labor force 40.0%
- Other 10.0%

*Ethnic composition: Homogeneous*
Future plans or developments:
Possible distance education development in the next 5-10 years are:
The Open Junior High School programmes will be disseminated to
cover all 27 provinces, each of which will have at least two sites.

Major obstacles for implementing
distance education:
(1) Geographical distance, (2) Development and distribution of
learning materials.

Affiliation with
regional and
international DE
organizations:
None

PROGRAMMES, MEDIA, METHODS, & EVALUATION:
List of Programme:
Open Junior High School
(SMP Terbuka)
PROGRAMME I: OPEN JUNIOR HIGH SCHOOL
(SMP TERBUKA)

Level: Secondary education

Titles of programmes offered in this level:
SMP Terbuka       Lower Secondary Education

Courses of instruction:
All courses at the junior high school level according to the curriculum of the Ministry of Education and Culture.

Length of course:
Minimum number of study hours per course per week: 1.5 hours
Total number of weeks per course: 18 weeks
Total number of courses making up programmes: 14 courses

Media and methods:
Most dominant:
Printed materials
Face-to-face tutoring
Study centres.
Dominant:
Audio-cassettes
Radio programmes
TV via satellite (Palapa Satellite)
Face-to-face counselling
Evening schooling
Slide
Laboratory.
Least dominant:
Video-cassettes

Language of instruction:
Language (Bahasa Indonesia).

Admission requirements:
1. Complete elementary education
2. Age 12 or over

Number of students: Approximately 5,000

Annual intake of DE students: Approximately 1,500
Evaluation:

Continuous assessment:
1. Written assignments for submission
2. Written regular tests
3. Written intermediary examinations
4. Attendance at the local study centre
5. Constant contact with principal advisor/tutor

Final assessment: Written assignments for submission

Educational and employment arrangements for graduates:
None

Profile of students in this level:

By Educational Background:  

<table>
<thead>
<tr>
<th></th>
<th>Proportion (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Primary (children):</td>
<td></td>
</tr>
<tr>
<td>Secondary (children):</td>
<td>100.0</td>
</tr>
<tr>
<td>Secondary/High school leavers (Ages 16 to 19):</td>
<td></td>
</tr>
<tr>
<td>First degree:</td>
<td></td>
</tr>
<tr>
<td>Higher degree:</td>
<td></td>
</tr>
<tr>
<td>Total:</td>
<td>100.00</td>
</tr>
</tbody>
</table>

By Employment: Not applicable

By types of career: Not applicable

By gender: Data not available

Acceptance of final award, certificate, and degree:
The final award given by this institution is accepted as equal to a comparable award given by other junior high schools as this programme was accredited by the Ministry of Education and Culture.
CENTRE FOR EDUCATION AND TRAINING FOR PROGRAM PERSONNEL, NATIONAL FAMILY COORDINATING BOARD (BKKBN)

INSTITUTIONAL DATA

Year of Establishment: 1985

Name of Head: Sri Dadi Suparto
Position: Chief
Address: Jalan Letjen Haryono M.T
P.O Box 1186
Jakarta, 10011, INDONESIA

Telephone: 819-1308
Telex: 48181 BKKBN IA
Fax: (61-21)819-4521

Nature of institution: Conventional institution with distance teaching program.

Educational level Provided for DE programmes: Training.

Title and levels of DE programme: Varies according to the type of training programmes offered to the participants.

Governance: A national establishment within National Family Coordinating Board (BKKBN).

Objectives: 1. National development
2. Training of skilled manpower

Sources of financial support of DE programmes: Tuition and Fees: Free.

Budget: Approximate annual budget for distance education of the institution for the fiscal year of 1990 was US$40,000.00.
<table>
<thead>
<tr>
<th>Trends of development of DE resources and activities:</th>
</tr>
</thead>
</table>
| Expanded: | Distance education programmes  
| Variety of courses offered  
| Face-to-face sessions  
| Library/instructional resources. |  
| Decreased: | Financial provision  
| Broadcasting programmes  
| Audio-visual aids. |  
| Stable: | Local study centres  
| Communication equipment  
| Study materials/texts  
| Teaching force. |  
|  
| Trends of enrollment in DE Programs: |  
|  
| Number of current DE students: | Approximately 1,300.  
| Number of annual intake of DE students: | Approximately 5,500.  
| Number of students currently enrolled in each DE level: | Training: 1,300.  
| Number of annual DE graduates: | Approximately 1,300.  
| Accumulative number of DE graduates: | Approximately 5,500.  
| Components of personnel in DE: | Faculty members are both full-time and part-time employees.  
| Number of full-time staff: | 6.  
| Number of part-time staff: | 10.  
| Number of Courses and programs: | Number of courses: 6.  
| Number of programme: 1. |
Production of teaching materials/media: Teaching materials and media are produced by staff members. Both full-time and part-time staff attend a workshop for each particular training package. The stages of producing teaching materials/media usually cover (1) Need assessment, and (2) Developing teaching materials.

Regional/Study Centres: Number of regional and local study centres: 37.

Operators of these centres: Provincial Family Coordinating Board.

Sources of financial support: Government support.

Major functions of these centres: 1. Providing tutorial sessions 2. Providing examinations.

Overall student Profile: Age distribution: Data not available.

Gender distribution: Data not available.

Income Level: Data not available.

Geographical distribution: Data not available.

Occupational and Ethnic Composition of DE Students: Ethnic Composition: Data not available. Occupational distribution: Data not available.

Future development: Possible distance education development in the next 5-10 years are: 1. Distance training for all chiefs of sub-divisions at all levels 2. Distance training for field workers and field leaders.

Major obstacles for implementing distance education: Insufficient budget.
Affiliation with regional and international DE organizations: None.

PROGRAMMES, MEDIA, METHODS, & EVALUATION:

*List of DE Programme:*
Training of Program Personnel of Family Coordinating Boards at Provincial and District Levels.
PROGRAMME I: PROGRAM PERSONNEL TRAINING

Level: Training

Courses of instruction:

Commercial and management studies:
  Management

Educational Studies:
  Curriculum development
  Adult learning
  Technology education
  Educational testing and evaluation

Communications:
  Dissemination techniques

Social Sciences:
  Population studies

Length of course:

Minimum number of study hours per week per course: Not applicable as no regular number of study hours per week is fixed
Total number of weeks per course: Varies according to the type of training programme
Total number of courses making up programme: 14

Media and methods:

Most dominant:
  Printed materials

Dominant:
  Audio-cassettes
  Radio programmes
  Tutorial via mails
  Regional services
  Study centres.

Least dominant:
  None

Language of instruction: Indonesian

Admission requirements:
1. Be a current employee
2. Get recommendation from his/her employer
3. Have the work experience

Number of students: Approximately 5,500
Annual intake of DE students: Approximately 1,300

Evaluation:
Continuous assessment: Written assignments for submission.

Final assessment: Written final examinations.

Educational and employment arrangements for graduates: No educational and employment arrangement are provided.

Profile of students in this level: By Educational Background: Data not available
By Employment: Data not available
By types of career: Data not available
By gender: Data not available

Acceptance of final award, certificate, and degree: The certificates given upon completion of each training programme help promote employment opportunities for the participants.
BUREAU OF DISTANCE EDUCATION
INDONESIAN BANKING INSTITUTE

INSTITUTIONAL DATA

Year of Establishment: 1985.

Name of Head: Mrs. Sartini S. Moertono
Position: Chief
Address: Jalan Kemang Raya 35
P.O Box 8/KBYT
Jakarta 12730, INDONESIA.

Telephone: 799-0919, 799-2012
Telex: 62480 BANKMG IA
Fax: 799-0927

Nature of institution: Conventional institution with distance training bureau.

Educational levels provided for DE programmes:
Training.

Titles and levels of DE programmes:
Course I: Distance Learning Program for Loan Officers.
Course II: Distance Learning Program for Rural Banking Management.

Governance: A national establishment.

Objectives:
1. Training of skilled manpower
2. Cost-effectiveness
3. Reservation of trained manpower.

Sources of financial support of DE programmes:
Tuition Fees:
1. The employer/sponsor who recommends the student to attend distance education pays all tuition expenses for the student.
2. The student pays all tuition expenses by himself/herself:
   Course I: US$ 306.59; Course II US$ 204.39.
3. Students are required to pay ranging from US$ 78.25-153.00 of tuition charges.

**Budget:**
Approximate annual budget for distance education of the institution for the fiscal year of 1990 was US$895,534.49 for material development only.

**Trends of development of DE resources and activities:**
- **Expanded:**
  - Distance education programmes
  - Local study centres
  - Teaching force
  - Variety of courses offered.
- **Decreased:**
  - Data not available.
- **Stable:**
  - Data not available.
- **Not applicable:**
  - Data not available.

**Trends of enrollment in DE Programs:**
- Increasing.

**Number of current DE students:**
4,945.

**Number of annual intake of DE students:**
700 annually.

**Number of students currently enrolled in each DE level:**
- Course I: 4,514
- Course II: 431

**Number of annual DE graduates:**
650 graduates.

**Accumulative number of DE graduates:**
3,228 graduates since the establishment of DE programs.

**Components of personnel in DE:**
A mix of full-time and part-time training staff. Staff members share their work duties with external experts in the field both from conventional institutions and other finance institutions.

**Number of full-time staff:**
- Academic: 30
- Non-academic: 7
- Total: 37.
Number of part-time staff:  
   Academic: 4  
   Non-academic: 4  
   Total: 8.

Number of Courses and programs:  
   Number of courses offered: 2  
   Number of programmes offered: 1.

Production of teaching materials/media:  
Teaching materials and media are produced by full-time and part-time faculty members. Content experts, module writers, and audio script writers work together to develop self-instructional modules consisting of print materials and audio-cassettes programmes along the following stages:
1. Produce Printed materials: After the content is agreed upon by content experts and module writers, the materials are printed in final form;
2. Produce Audio programmes after the content is agreed upon by content experts, module writers, and audio-script writers;
3. Conduct formative evaluation of the completed modules by sending them together with questionnaires for assessment. While studying the modules, participants fill in the questionnaires indicating the difficulties and clarification of the modules; and
4. Revise the printed materials according to the feedback received from the participants.

Regional/Study Centres:  
No regional/study centres available.

Overall student Profile:  

<table>
<thead>
<tr>
<th>Age distribution</th>
<th>Years:</th>
<th>Proportion (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Under 21</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Between 21-30</td>
<td></td>
<td>25.0</td>
</tr>
<tr>
<td>Between 31-40</td>
<td></td>
<td>60.0</td>
</tr>
<tr>
<td>Between 41-50</td>
<td></td>
<td>15.0</td>
</tr>
<tr>
<td>Between 51-60</td>
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<td></td>
</tr>
<tr>
<td>Over 60</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total:</td>
<td></td>
<td>100.0</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Gender distribution</th>
<th>Sex:</th>
<th>Proportion (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Male</td>
<td>65.0</td>
<td></td>
</tr>
<tr>
<td>Female</td>
<td>35.0</td>
<td></td>
</tr>
<tr>
<td>Total:</td>
<td>100.0</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Income Level:</th>
<th>( % )</th>
</tr>
</thead>
<tbody>
<tr>
<td>Top</td>
<td>10.0</td>
</tr>
<tr>
<td>Middle</td>
<td>90.0</td>
</tr>
<tr>
<td>Bottom</td>
<td>-</td>
</tr>
<tr>
<td>Total:</td>
<td>100.0</td>
</tr>
</tbody>
</table>
Geographical distribution:  
Areas:  
Urban  75.0  
Rural  25.0  
Total:  100.0

Occupational and Ethnic Composition of DE Students:

Ethnic Composition: Homogeneous
Occupational distribution: Banking and finance organizations.

Future development:
Possible distance education development in the next 5-10 years is to develop distance learning programmes for professional bankers.

Major obstacles for implementing distance education:
Time constraints in developing training modules.

Affiliation with regional and international DE organizations:
ICDE.

PROGRAMMES, MEDIA, METHODS, & EVALUATION

List of DE Programme:
Distance Learning Program for Banking Personnel
PROGRAMME I: DISTANCE EDUCATION PROGRAMME
FOR BANKING PERSONNEL

Level: Training.

Courses of instruction:
Commercial and Management Studies:
Accountancy/Book-keeping
Administration
Business administration
Finance
Management
Banking
Marketing.

Length of course:
Minimum number of study hours per week per course: 21 hours.
Total number of weeks per course: Course I: 36 weeks;
Course II: 24 weeks.
Total number of courses making up programmes: 2 courses.

Media and methods:
Most dominant:
Printed texts
Audio-cassettes.
Dominant:
None.
Least dominant:
Face-to-face
Tutoring via mailing
Telephone tutoring.

Language of instruction:
Indonesian.

Admission requirements:
1. Be a citizen of Indonesia
2. Be a current employee
3. Be recommended by his/her employer.

Number of students: 4,959.

Annual intake of DE students: Approximately 700.
Evaluation:

Continuous: Attendance of regular workshops/seminars at the other institution.

Final: Written final examinations.

Educational and employment arrangements for graduates:
None. In some cases, however, distance education alumni may be assigned to on-site courses for advanced courses such as Accounting, Marketing, and Management at the Institute.

Profile of students in this level:

By Educational Background: Data not available.

By Employment: (%)
- Full-time public employees: 70.0
- Full-time private employees: 30.0
- Part-time employees: -

Total: 100.0

By gender: (%)
- Male: 65.0
- Female: 35.0

Total: 100.0

Acceptance of certificate, diploma, and degree:
Certificates for Loan officers either obtained from the distance learning program or regular program are considered equal.
DISTANCE LEARNING SYSTEM
PERUMTEL TRAINING CENTRE

INSTITUTIONAL DATA

Year of Establishment: 1990

Name of Head: Ms. Endang Sofyan
Position: Manager
Address: 47, Geger Kalong Hilir
          Bandung, INDONESIA
Telephone: 022-84050
Fax: 022-211876

Nature of institution: Conventional institution with distance teaching department.

Educational levels provided for DE programmes: Training.

Title of DE programme: Telecommunication Training.

Governance: A national establishment.

Objectives: 1. Training of skilled manpower

Sources of financial support of DE programmes: Tuition and Fees: Free.

Budget: Approximate annual budget for distance education of the institution for the fiscal year of 1991 was US$55,000.

Trends of development of DE resources and activities: Expanded:
Distance education programmes
Telecommunication equipment
Study materials and textbooks
Variety of courses offered
Broadcasting programmes
Audio-visual aids.
Decreased: None.
Trends of enrollment in DE Programs: Increasing.

Number of current DE students: 1,440.

Number of annual intake of DE students: Approximately 360 students annually.

Number of students currently enrolled in each DE level:
- Finance: 120
- Customer Services: 120
- Marketing: 120

Number of annual DE graduates: Approximately 360.

Accumulative number of DE graduates: Approximately 1,200.

Components of personnel in DE:
Faculty members share their work duties between a conventional university and the distance education institution.

Number of full-time staff: 9.

Number of part-time staff: 6.

Number of Courses and programs:
- Number of courses offered: 3.
- Number of programmes offered: 1.

Production of teaching materials/media: Teaching materials and media are produced by instructors and subject matter experts in the form of modules. The production stages are: (1) every instructor writes a module, and (2) instructors give tutorials via satellite.

Regional/Study Centres:
Number of regional and local study centres: 6.
Operator: Run by Regional Training Units.

Sources of financial support: Regional telecommunication offices.

Major functions: Administration and examinations.

Overall student Profile:

<table>
<thead>
<tr>
<th>Age</th>
<th>Years:</th>
<th>(%)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Between 21-30</td>
<td>75.0</td>
</tr>
<tr>
<td></td>
<td>Between 31-40</td>
<td>25.0</td>
</tr>
<tr>
<td></td>
<td>Total:</td>
<td>100.0</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Gender distribution:</th>
<th>Sex:</th>
<th>(%)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Male</td>
<td>75.0</td>
</tr>
<tr>
<td></td>
<td>Female</td>
<td>25.0</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td>100.0</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Income Level:</th>
<th>Level:</th>
<th>(%)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Top</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>Middle</td>
<td>20.0</td>
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<tr>
<td></td>
<td>Bottom</td>
<td>80.0</td>
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<tr>
<td></td>
<td>Total</td>
<td>100.0</td>
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</table>

<table>
<thead>
<tr>
<th>Geographical distribution:</th>
<th>Areas:</th>
<th>(%)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Urban</td>
<td>100.0</td>
</tr>
<tr>
<td></td>
<td>Rural</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td>100.0</td>
</tr>
</tbody>
</table>

Occupational and Ethnic Composition of DE Students:

*Ethnic Composition:* homogeneous

*Occupational distribution:* All participants are PERUMTEL personnel.

Future development: Possible distance education development in the next 5-10 years are:
(1) Increase in number of students, and (2) increase satellite education Network.

Major obstacles for implementing distance education:
Mechanism, coordination, and administration

PROGRAMMES, MEDIA, METHODS, & EVALUATION:

*List of DE Programme:* Training Programme for Telecommunication Personnel.
PROGRAMME I: TRAINING PROGRAMME FOR TELECOMMUNICATION PERSONNEL

Level: Training.

Courses of instruction: Commercial and Management Studies:
Finance
Marketing
Office/Secretarial studies
Other: Customer Services.

Length of course: Three months.

Media and methods:
Most dominant:
Printed materials
Video via satellite
Tutoring via satellite.
Dominant: None.
Least dominant:
Computer assisted learning
Facsimile.

Language of instruction: Indonesian.

Admission requirements:
1. Be a citizen of the country
2. Be recommended by his/her employer.

Number of students: Approximately 1,440.

Annual intake of DE students: Approximately 1,440.

Evaluation:
Continuous: Written regular tests
Final: Written final examinations.

Educational and employment arrangements for graduates: None. Students are current employees of PERUMTEL.
Profile of students in this level:  

*By Educational Background:* Data not available.

*By Employment:* Students are 100% full-time employees of PERUMTEL.

*By gender:* (%)

<table>
<thead>
<tr>
<th>Gender</th>
<th>(%)</th>
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<tr>
<td>Male</td>
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</tr>
<tr>
<td>Female</td>
<td>25.0</td>
</tr>
<tr>
<td>Total</td>
<td>100.0</td>
</tr>
</tbody>
</table>

Acceptance of certificate, diploma, and degree:

The PERUMTEL Certificates are awarded by Chief of Training Centre and recognized by the organization.