

Center for International Affairs
No. 1032 / 43
Date 14 JUN 2000
Time

MULANI S, 11:32 14/6/00 +02, Principal docs of WCS

Return-Path: <S.MULANI@unesco.org>
Date: Wed, 14 Jun 2000 11:32 +0200
From: S.MULANI@unesco.org (MULANI S)
To: cenintaf@ccs.sut.ac.th
Subject: Principal docs of WCS

--- Received from ROSTSEA.UHMUL (62-21)314.1308

00-06-14 10:32

-> cenintaf(a)ccs.sut.ac.th

Dear Professor Umaly,

Thank you for your interest on our "Principal Document of the World Conference on Science". Please let us know how many copies do you need for distribution to the key members of AUAP. We will send the copies to you.

Best regards,
Silvia, Secretary to Minella C. Alarcon (Programme Specialist for Basic Sciences)
UNESCO Jakarta Office
14 June 2000

Umaly done.
gr

uhjax@unesco.org, 09:38 11/9/00, ANNUAL REPORT

To: uhjax@unesco.org
From: Center for International Affairs <cenintaf@ccs.sut.ac.th>
Subject: ANNUAL REPORT
Cc:
Bcc:
X-Attachments:

DR. MINELLA C. ALARCON
UNESCO JAKARTA
Jalan M.H. Thamrin 14
Jakarta 1002, Indonesia

FAX: (62 21) 315 3382

Dear Minella,

This is to acknowledge with great appreciation and gratitude the receipt of a copy of the UNESCO Annual Report 1999. I will be studying it with great interest to determine possible areas of collaboration with your organization and our university or AUAP.

Kindly extend my greetings and gratitude to Dr. S. Hill.

I am really sorry I missed the Bali meeting of VUST. Where will the next meeting be (if there will be one) and what would be the follow up actions?

With best regards.

Sincerely,
Prof.Dr.Ruben C.Umaly
Director, CIA

FAXED

11 SEP 2000

Nattha

12/9/00



united nations educational, scientific and cultural organization
organisation des nations unies pour l'éducation, la science et la culture

UNESCO JAKARTA OFFICE

Regional Office for Science and Technology for Southeast Asia
Office of the UNESCO Representative to Indonesia and the Philippines

Ref.: JAK/ 0.20/00. *624*

14 June 2000

Dear Dr. Umaly,

Subject: Annual Report 1999

I am pleased to send you a copy of our "Annual Report 1999". This report has a similar function to our previous 1998 Annual Report as you will see, in setting the statement of 1999 activities into the context of the office's wider role within the UNESCO system.

I trust that you will find the document of use in keeping you informed of our work. We do of course welcome comment or enquiry as it is the purpose of the report to contribute to greater awareness about UNESCO and to stimulate enhanced cooperation within UNESCO's fields of competence and our Member States.

With my very best wishes,

Yours sincerely,

minella c. alston

for Stephen C. Hill
Director

Dr. Ruben C. Umaly
Secretary-General
A U A P
Suranaree University of Technology
111 University Avenue
Nakhon Ratchasima
Thailand

Minella Alarcon, 15:02 21/7/00 +07, RE: VUST

To: Minella Alarcon <mc.alarcon@unesco.org>
From: center of international affair <cenintaf@ccs.sut.ac.th>
Subject: RE: VUST
Cc:
Bcc:
X-Attachments:

DR. MINELLA ALARCON
UNESCO JAKARTA

Dear Dr. Alarcon,

Thank you for your email and the information. Our University may be able to contribute some modules in Physics as well as Mathematics and possibly in the future Biology (Genetics) as well.

I may not be able to attend the meeting in Bali as I have to accompany my Rector to Nagoya for a meeting. He has suggested our Vice Rector for Academics to be the one to attend in my place. He can contribute more in the Engineering section.

I met Linda three weeks ago in Bangkok for a meeting in Biotechnology. Wishing the group great success and fun during the meeting. Kindly extend my greetings to them.

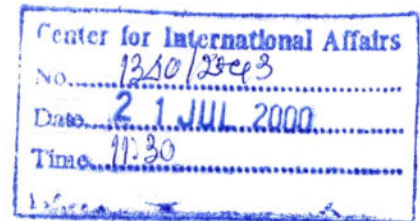
With best regards.

Ruben C. Umaly
Director, Center for International Affairs

DONE

Ja

21 July 00



Minella Alarcon, 10:43 21/7/00 +07, Science Group of AVUST

Status: U

Return-Path: <mc.alarcon@unesco.org>

Received: from jktsm02.indosat.net.id ([202.155.50.3]) by ccs.sut.ac.th
(Netscape Messaging Server 3.62) with ESMTP id 216
for <cenintaf@ccs.sut.ac.th>; Fri, 21 Jul 2000 10:54:06 +0700

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by jktsm02.indosat.net.id
(InterMail vK.4.02.00.10 201-232-116-110 license 730f8eb5c6a4977202bec32590427e0f)
with ESMTP
id <20000721034756.NZPR1365.jktsm02@jktmail02.indosat.net.id>;
Fri, 21 Jul 2000 10:47:56 +0700

Received: from uns.unesco.or.id ([202.155.22.162]) by jktmail02.indosat.net.id with Microsoft
SMTPSVC(5.5.1877.977.9);
Fri, 21 Jul 2000 10:50:14 +0700

Message-Id: <3.0.1.32.20000721104314.00d1f710@pop.amexmail.com>

X-Sender: minellaalarcon@pop.amexmail.com

X-Mailer: Windows Eudora Light Version 3.0.1 (32)

Date: Fri, 21 Jul 2000 10:43:14 +0700

To: draat@hotmail.com, aguevara@i-manila.com, ph.isa@makara.cso.ui.ac.id,
donald@asean.or.id, linda@asean.or.id, cenintaf@ccs.sut.ac.th,
yongyuth@nstda.or.th

✓ From: Minella Alarcon <mc.alarcon@unesco.org>

✓ Subject: Science Group of AVUST

Cc: y.aoshima@unesco.org

Mime-Version: 1.0

Content-Type: multipart/mixed; boundary="===== _964125794== _"

Return-Path: mc.alarcon@unesco.org

Dear Colleagues,

I am writing to initiate the Science Email Forum in preparation for the
next AVUST Working Group Meeting in Bali, one day in August 2000.

I have requested Prof. Abdul Aziz Tajuddin, Dean, Faculty of Physics,
Universiti Sains Malaysia and Malaysian National Point of Contact of the
ASian Physics Education Network (ASPEN), to moderate this forum. Prof.
Aziz has agreed to do so.

The proposed agenda for the AVUST Working Group Meeting in Bali is
'designing pilot programmes'. The Science Email Forum seeks to prepare a
working document to guide the discussions on science pilot programmes, some
results of which will be included as inputs in the AVUST Project Proposal.
The Engineering Email Forum is already underway.

I have attached herewith parts of the Project Proposal document that may be
relevant to this discussion.

not
20/7/00

Minella Alarcon, 10:43 21/7/00 +07, Science Group of AVUST

May I invite all to exchange emails and share ideas and proposals on how we proceed to design the Science pilot programmes for AVUST.

Prof. Aziz will proceed with the moderation of this forum from hereon.

I look forward to hearing from all of you.

Best regards,
Minella

Attachment Converted: C:\Cenintaf\Attach\vust-out3.doc ✓

Attachment Converted: C:\Cenintaf\Attach\vust-out5.doc ✓

Minella C. Alarcon, Ph.D.
Programme Specialist for Basic Science
UNESCO Jakarta Office
UN Bldg., Jl. M.H. Thamrin 14
Jakarta 10012, Indonesia

Tel: 62 21 3141308
Fax: 62 21 3150382
Email: mc.alarcon@unesco.org
minellaalarcon@usa.net

OUTPUTS AND SCHEDULE OF ACTIVITIES – Table 2B

PROJECT NUMBER	
PROJECT TITLE	ASEAN Virtual University of Science and Technology, Component 2: Science Program

Output Number	Description
S3	<i>3(?) continuing education courses for science teachers on offer by the Science consortium as pilot programmes</i>
S4	<i>At least 100(?) science teachers who have received training under the Science pilot programmes of VUST</i>

Activity No.	Description	Start date	End date	Action by
1	Creation of task force on programs and delivery systems			Interim Project Management Committee or VUST Steering Committee
2	Meeting of Science sub-task force for initial discussions on identification of subjects/courses to be offered as pilot programmes, delivery systems and standardisation of course format			Science Sub-Task Force
3	Continuation of task force discussions (electronically)			Science Sub-Task Force
4	Submission of task force recommendations to VUST SC			VUST SC

5	Recruitment of experts on design of IT-aided courses			Experts
6	Survey of related available programmes and design of VUST course offerings			Science Sub-Task Force and experts
7	Meeting of Science sub-task force for presentation and review of course designs			Science Sub-Task Force
8	Consolidation of course designs and presentation to university authorities (jointly with Engineering)			Full task force,
9	Review and approval by relevant university authorities of the course offerings			Consortium institutions' designated officials
10	Piloting of the initial course offerings			Implementiing staff of the Consortium institutions, VUST SC
11	Evaluation and refinement of the pilot offerings, planning for additional course offerings			Implementing staff of Consortium institutions, VUST SC

OUTPUTS AND SCHEDULE OF ACTIVITIES – Table 4

PROJECT NUMBER	
PROJECT TITLE	ASEAN Virtual University of Science and Technology

Output Number	Description
S5	<i>A regional virtual science teaching resource center, with at least 3 teaching tools developed as initial outputs</i>

Activity No.	Description	Start date	End date	Action by
1	Identification of key/contact persons in potential participating countries			Interim Project Management Committee
2	Formation of task force on teaching resources from among key persons to formulate objectives and mission of the virtual science teaching resource center (STRC)			Interim Project Management Committee
3	Survey of ASEAN member countries on areas of specialization, resources, technical competency/readiness, needs that can be served by the resource center			Task force on teaching resources
4	Meeting of task force to refine mission based on survey results, identification of at least 3 teaching resources to be developed initially			Task force on teaching resources
5 - 9	Presentation of task force recommendations to general workshop (refer too Activity 8 of Table 1B). From this point, the activities			Task force on teaching resources, same

ACA-Handbook of European Associations of Higher Education

A Short Questionnaire

*This questionnaire has been devised with the aim of maximum user-friendliness.
Simply type in your answers into the white field after each question.*

1. Name of the Association
The Association of Universities of Asia and the Pacific
2. Acronym (if any)
AUAP
3. Contact details (address, Phone, Fax, e-mail, website, contact person)
Suranaree Univ. of Technology, 111 Univ. Avenue, Muang, Nakhon Pathasima 30000 Thailand
4. Legal Personality Does your association have a legal status? If so, which?
5. Year of Foundation
6. Membership
a. Please describe criteria for membership in your association
b. Number of members
1. Annual budget (indicate year)
2. President/Chairperson (full name, titles)
3. Chief Executive (full name, titles)
4. Governance Please describe the chief decision-making bodies of your association (max. 50 words)
5. Aims Please describe the main aims of your association, in order of priority, not exceeding five (max. 200 words)

Center for International Affairs
No. 1161/2000
Date 24 JAN 2000
Time 1540

Minella Alarcon, 14:38 24/1/00 +07, MAB Programme

Return-Path: <mc.alarcon@unesco.org>
X-Sender: minellaalarcon@pop.amexmail.com
Date: Mon, 24 Jan 2000 14:38:25 +0700
To: cenintaf@ccs.sut.ac.th
From: Minella Alarcon <mc.alarcon@unesco.org>
Subject: MAB Programme
Return-Path: mc.alarcon@unesco.org

Dear Dr. Umaly,

Greetings from Jakarta!

First, allow me to thank you for your active participation in the First Meeting of the Working Group for Science of AVUST. Your contributions and intervention contributed to the fruitful outcomes of the meeting.

On your inquiry regarding our programme officer for MAB, he is Mr. Han Qunli. You may contact him by email at h.qunli@unesco.org.

Best regards,
Minella

Minella C. Alarcon, Ph.D.
Programme Specialist for Basic Science
UNESCO Jakarta Office
UN Bldg., Jl. M.H. Thamrin 14
Jakarta 10012, Indonesia

Tel: 62 21 3141308
Fax: 62 21 3150382
Email: mc.alarcon@unesco.org
minellaalarcon@usa.net

Printed for Center for International Affairs <cenintaf@ccs.s...

1

min
25/1/00
r

mc.alarcon@unesco.o, 14:51 25/1/00, ASEAN PROJECT

To: mc.alarcon@unesco.org
From: Center for International Affairs <cenintaf@ccs.sut.ac.th>
Subject: ASEAN PROJECT
Cc:
Bcc:
X-Attachments:

Dear Minella,

Thank you for your very prompt note. I just returned to SUT today as I stayed on in Bangkok for another meeting and seminar on Environmental Modeling (Watershed) organized by the Science and Technology project of Thailand with Australia (University of New South Wales). Thus, I did not get back to the university till this morning and to my surprise, I already have an email from you.

It was really a pleasure meeting you personally in Bangkok. I will tell Vilma of our meeting. I enjoyed the meeting of the Science Working Group and I hope I could continue participating in the future as AUAP representative and later as SUT participant in Science. If there are other activities in Science specially Biology which I could be of help or if AUAP could be involved, please let me know. I will also be most grateful if you could let me know how we could help the Science programs of universities in Mindanao through the MAEP (Mindanao Advanced Education Program- a consortium of universities in Mindanao) Dr. Hill during our conversation has expressed his willingness to help. .

Let me know if you will be in Bangkok. You are most welcome to stay at our place. It is only five-minutes on foot to the UNESCO office in Sukhumvit.

Best of luck with the writing of the proposal. I am sure the three of you could do it without problems.

With best regards.

Sincerely,
Prof.Dr.Ruben C Umaly
Director, CIA



25/1/00
9

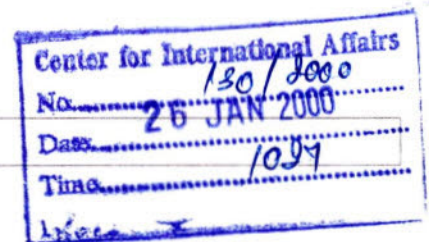
Hirotaaka Shakushi
Bunkyo University
3-2-17 Hatanodai Shinagawa-Ku
Tokyo
Japan

Dr.Dong Ho Song
Professor, Hankuk Aviation University
200-1 Hwajon-dong, Deokyang-ku
Koyang-shi, Kyonggi-do, 412-791
Korea

Prof. Jung Sun Kim
Dean, Planning and International Affairs
Hankuk Aviation University
200-1 Hwajon-dong, Deokyang-ku
Koyang-shi, Kyonggi-do, 412-791
Korea

Dr.Dong Han
Dean, Center for International Exchanges
Kyung Hee University
Seoul Campus
1 Hoeki-dong, Dongdaemoon-gu
Seoul, 130-701
Korea

Minella Alarcon, 15:25 25/1/00 +07, Re: ASEAN PROJECT



Return-Path: <mc.alarcon@unesco.org>
X-Sender: minellaalarcon@pop.amexmail.com
Date: Tue, 25 Jan 2000 15:25:59 +0700
To: cenintaf@ccs.sut.ac.th
From: Minella Alarcon <mc.alarcon@unesco.org>
Subject: Re: ASEAN PROJECT
Return-Path: mc.alarcon@unesco.org

Dear Ruben,

Thanks for the note.

Indeed, there may be more ways than one where our programmes could work together. Tell me more about the Mindanao programme, then we'll see.

BTW, I wrote Julie about having met you in Bangkok and she was quite happy to hear about you.

Best regards,
Minella

Minella C. Alarcon, Ph.D.
Programme Specialist for Basic Science
UNESCO Jakarta Office
UN Bldg., Jl. M.H. Thamrin 14
Jakarta 10012, Indonesia

Tel: 62 21 3141308
Fax: 62 21 3150382
Email: mc.alarcon@unesco.org
minellaalarcon@usa.net

26/1/00
L

Aziz will act at the focal point of the science group.

Next meeting is planned to be on 21st and 22nd August 00 in Bali.
All science members in task force.

Chulalongkong will host the AVUST website to include:
Various discussion boards.
Contact list.
Development updates.

Comments from Wong (Open University, Hong Kong):

Distance learning has been in existence for more than 20 years.

Technological advances welcomed by distance-learning providers.

Distance-learning has moved away from having a purely correspondence nature.

Open University very happy to purchase courseware developed by the various universities.

Ouhk subscribed to life-long learning paradigm and offered various courses using IT.

Use of IT in OUHK for:

Improving communication among students, teachers etc.

Assignment submissions etc.

Technology needed to be standardised to ensure consistency.

Content should be used only if it is useful.

Developed an e-library to support development.

Felt that project proposal is over ambitious.

Suggest: produce courseware quickly.

Remarks from Dr. Linda Posadas

stressed that in coming up with the proposal, also consider the 4 other ASEAN countries not represented in the meeting

since these 4 countries are less endowed and with lower S & T level, must consider how they too can benefit from the AVUST

there must be no dichotomy among member countries

within ASEAN, high in priority is human resource development; proposed AVUST has social dimension in the sense that it help develop human resources

ASEAN Foundation provides a channel for delivering traditional resources to non-traditional resources strategy: smaller modules with less funding rather than one big project; however, must show the overall view of the project proposal

Remarks from Aoshima

June 99, ASEAN foundation identified projects; UNESCO submitted 18 project proposals; four projects were selected, one of which was AVEU

Discussion:

HM cautioned that focus of the project be carefully considered.

YongYuth commented that a consortium model would work in this case compared with the Open University model.

Afternoon Meeting

Chair proposed to re-look at the minutes of the Engineering group to integrate Science group's input.

Item 2.1: to include science in the primary focus.

Item 2.2: Official name to include 'ASEAN'.

Separate work plans for science and engineering groups.

Joint proposals to be drafted by:

Posadas (ASEAN)

Minella (UNESCO)

Aoshima (UNESCO)

Chair (Engineering group)

Chair (Science group)

Conceptual Framework:

Award of degree will depend on ultimate delivery and administration structure of the AVUST.

Financing of AVUST will again be dependent on the eventual operational model adopted.

Focus on existing science teachers.

Output:

Science to have a virtual teaching resource centre.

Table 2:

Activities identification to be done by Amelia (Philippines).

consists of 7 autonomous universities, including an Open University
University of the Philippines in Diliman is the flagship campus; some institutes in the College of Science offering graduate programs in the sciences have been classified by the Philippine Commission on Higher Education as Centers of Excellence in their respective fields of specialization
Institutes in the College of Science are interconnected through wide area network with computers in the buildings interconnected through LAN
move to modernize the facilities and services of the UP system libraries, envisioned to become an electronic and digital academic and research library and information center for the Philippines

Singapore (see attached paper):

Included a project presentation of a possible future learning environment.

Thailand (report on virtual education workshop – attached summary report):

Education anywhere, anytime.

From teacher-based to student-based.

Content-based to case-based.

Need to generate content rather than rehashing existing content.

Felt that virtual education has supplementary role compared to non-virtual learning.

Culture of learning needs to be reviewed.

Many instructors failed to value distance learning.

Consortium formation:

Representation from many institutions favoured formation of consortium.

Learn web sites established in Thailand:

1st level: listing of available courses.

2nd level: use of information etc.

Network not ready for delivery of full multimedia materials.

Conventional examination still in place.

Course on cybertools for research: essential IT skills for research.

Internet based courses/delivery of materials might not benefit some countries.

Thailand Graduate Institute of Science and Technology (TGIST):

Centre for Advanced Studies.

Graduate Research and Education Consortium (GREC).

School of Engineering Practice (SEP).

School of Technology Management (STM).

Thailand Training Network (TTN).

Science and Technology Electronic Publishing Programme (STEP).

Publication of un-reviewed materials. Believed that un-reviewed materials would be in force compared with reviewed materials.

Vietnam (paper attached):

Very few science faculties before independence

After 1954, education level increased.

1960-90s: concerted government efforts in sending students overseas to study science and establishing research institutes. Effective scientific co-operation with the eastern countries of Europe.

Since 1990 science research & training has declined because of lack of economic resources.

In recent years, government has increased spending in science education.

Co-operation between ASEAN countries is weak because of shortage of infrastructure to support science education.

Internet offered cheap means of learning science and co-operation.

Mathematics is universal and should be chosen as the priority project, followed by the disciplines of Physics, Biology, Chemistry.

Vietnam is preparing to offer mathematical courses and databases of mathematical problems.

Networking is only one of many collaboration models.

Both science and engineering group to be under the common umbrella of the ASEAN Virtual University of Science and Technology (AVUST), which in itself is under the ASEAN University Network (AUN).

Decided in the engineering group meeting to launch only one project, ie. the AVUST.

Objectives of AVEU:

Virtual conferences, seminars & workshop

Joint R&D

Library network

Electronic publication of newsletters and periodicals

Continuing engineering of education for practising engineers

Success criteria:

A network of leading universities in science and technology, IT, and distance education in ASEAN countries.

Tutors training programmes at regional and national levels.

A wider vision to expand the project activities from distance education to other networking.

Thawanwong wanted to clarify if the AVSTU would be under AUN, or should it be a separate entity.

Posadas replied that AVSTU could be independently run without consulting AUN. However, a coordination model between AVSTU and AUN has to be worked out.

Address from AUAP representative (Umaly):

AUAP has some experience with digital library, distance learning etc.

Adopted problem-based teaching instead of traditional teaching.

Of 200 universities in the region, more than half have a science faculties.

Country Presentation:

Indonesia:

1947: Department of Physics, Biology, Chemistry & Mathematics come together to form a faculty of science.

Science faculties widely spread within Indonesia.

Country report is attached.

Malaysia:

Collaboration needed to ensure growth in the learning of science.

Working together also has the advantage of maximising resources.

Aims to achieve a knowledgeable society, ie. education for all approach.

Science needed to achieve a better quality of life.

SMART schools project:

Ensure students are trained in IT.

Multimedia Supercorridor (MSC)

Global Schools network.

Philippines:

ASEAN member countries can pool their resources, tap into each others competencies and engage in scientific endeavors with greater economies of scale

ASEAN VSU envisioned as a consortium of top universities and institutions, delivering science courses via the distance education mode, utilizing the Internet

VSU a cost-effective means of delivering high quality education to students in the region

can address "content deficit" problem being experienced by many universities in the region; can hasten the ability of institutions in the region to bring their academic programs in step with the state of the art in S & T

students desiring to take courses through VSU should have a high level of computer literacy and have appropriate computer with appropriate software; must have access to Internet

VSU web can be used to provide supplementary materials to campus-based students

VSU instructors and content authors have to be trained on on-line courses, web site development, graphic design, video production, etc. and familiarized with copyright and IPR issues

University of the Philippines can participate in proposed VSU

among the top 50 universities in Asia-Pacific region

Short term (1-2 yrs):

Establishment of database.

Organisation structure.

Establish curriculum.

Establish mode of delivery.

Prioritising areas of teaching focus.

Identify areas of strength, weaknesses, opportunities and threats of participating ASEAN universities.

Identify on-going initiatives relevant to AVSU.

Collate existing online materials that can go onto AVSU.

Establish technical support for course development etc.

Publicity campaign.

Establish MOU among participating ASEAN universities.

Determine which course management software to use.

Sort out accreditation issues.

Long term (2-5 yrs):

Identify and establish services (apart from teaching).

Establish operational mechanism, including financing & charging mechanism etc, in the 3rd year.

Begin AVSU course by end of 3rd year.

Provide an environment to facilitate exchanges of ideas etc for R&D work.

Extend AVSU to include other Asian countries by end of 5th year.

22nd Jan 00

Morning Meeting

Present:

Aoshima Y (UNESCO)

Wong TM (OUHK)

Thawanwong (NSTDA)

Umaly, R (AUAP)

Posadas, L (ASEAN)

Tambunan, D

Akiaya (NSTDA)

Yongyuth (NSTDA)

Tambunan D. (ASEAN)

Plus Science Group

Chair briefed meeting about agenda

Briefing by Minella:

Gave overall outline of AVSU.

Stressed that for the science group, its members were chosen from the UNESCO regional science networks and its partners, and as such individual country representation has been taken into consideration.

Purpose of meeting to come up with a proposal for AVSU. However, after the Engineers' meeting, the science proposal would be adapted to suit a joint engineering and science proposal.

Address by Aoshima:

June 99, ASEAN foundation identified project. UNESCO submitted 18 project proposals.

Four projects selected.

1st working group meeting for ASEAN Virtual Engineering University (AVEU) convened in Manila in Aug 99.

Formation of IT-based networking among invited participants.

Meeting proposed to also launch the AVSU. Proposal accepted.

In second meeting of the AVEU, it was strongly proposed, and accepted, that the science group be invited to join the engineering group.

Minutes of the ASEAN Virtual Science University (AVSU) (21st – 22nd Jan 00)

21st Jan 00

Present:

Minella

Plus Science Group

9am: Briefing:

Minella briefed the meeting on the background and objectives of the AVSU.

HM sought clarification on the scope and ambitions of this project. Minella replied that this should be determined by the meeting; and presented in the form of a project proposal for the ASEAN Secretariat.

Election of Chairman and rapporteurs

The meeting has elected Dr Hj Abdul Aziz Tajuddin as the chair for the science group. At the same time Amelia and Horn Mun had been elected as rapporteurs.

Establishment of working goal and vision

Each representative provided a short presentation of his/her visions and ideas about the AVSU.

Vietnam:

Virtual co-operation should be combined with 'Real' co-operation workshops, conferences, exchange programmes of scientists, co-advisors of PhD thesis etc.

Establishment of databases to include: library service, courses, examination materials, problems, discussion boards etc.

Concentrate on improving collaboration among ASEAN universities.

Philippines:

Formation of a consortium for: delivery of courses, establishment of centres of excellence & centres of development, possibly as virtual centres.

Indonesia:

Database on research, curriculum development, various information.

Development of virtual activities.

Malaysia:

'Real' university which will confer degrees and relevant certification.

Singapore:

Proposed to concentrate efforts on continuing education and provision of education for working adults.

Administrative roles should be focused on facilitation (eg. Staff exchange programme, R&D linkup) rather than initiation of programmes, activities etc.

Curriculum development: to focus on online learning for non-traditional students.

Technical: formation of technical support centres for development of interactive materials.

The meeting has reached a consensus to focus the AVSU's effort on education for working adults.

Project proposal discussions

Approach to be taken: Establish minimum technical requirements to participate in this project:

1st level requirement: sufficient basic Internet connections for population.

2nd level requirement: build up of high speed network to fully take advantage of multimedia interactive materials.

Problem analysis & justification.

To properly prepare the ASEAN workforce to function effectively in a knowledge-based economy.

Present environment inadequate to provide that.

Possible solution:

Within our present understanding of technologies and education, our proposed solution would be able to:

Reach and educate more people effectively;

Cost-effective in the long run;

An IT-enriched environment provides for one of the best interactive learning experience for the learning of science.

Indicative Workplan:

Center for International Affairs
No. 224/2543
Date 8 FEB 2000
Time 16:00
Place

Minella Alarcon, 09:08 8/2/00 +070, Minutes of the Science Group,

Return-Path: <mc.alarcon@unesco.org>
X-Sender: minellaalarcon@pop.amexmail.com
Date: Tue, 08 Feb 2000 09:08:37 +0700
To: cenintaf@ccs.sut.ac.th, yongyuth@nstda.or.th
From: Minella Alarcon <mc.alarcon@unesco.org>
Subject: Minutes of the Science Group, AVUST
Return-Path: mc.alarcon@unesco.org

Dear Friends,

Please find attached to this email, for your comments, the finalized minutes of the Science Group at the AVUST meeting in Bangkok, 21-22 January 2000.

Best regards,
Minella

Attachment Converted: C:\EUDORA\minutes_.doc

Minella C. Alarcon, Ph.D.
Programme Specialist for Basic Science
UNESCO Jakarta Office
UN Bldg., Jl. M.H. Thamrin 14
Jakarta 10012, Indonesia

Tel: 62 21 3141308
Fax: 62 21 3150382
Email: mc.alarcon@unesco.org
minellaalarcon@usa.net

22/2/00
2

minellaalarcon@usa., 16:24 15/2/99, VIRTUAL SCIENCE UNIVERSITY

To: minellaalarcon@usa.net
From: Center for International Affairs <cenintaf@ccs.sut.ac.th>
Subject: VIRTUAL SCIENCE UNIVERSITY
Cc:
Bcc:
X-Attachments:

Dear Minella,

Greetings from SUT and Thailand !!

This is to acknowledge receipt of your minutes of the meeting in Bangkok. I endorse its adoption. I do apologize for the delay in the reply as I returned to the office only today after more than two weeks of absence as I was on mission to Europe and Costa Rica.

Let me know how I could further help in the promotion of the program and I look forward to our next meeting in Bali.

With best regards.

Sincerely,
Prof.Dr.Ruben C.Umaly
Director, CIA

mc.alarcon@unesco.o, 11:37 15/2/99, VIRTUAL SCIENCE UNIVERSITY

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Director, CIA

Don
Natha

24/10
21

10	5-9 of this module merge with those of Table 1B until signing of MOA. (From Activity 8 to 12 of Table 1B).			responsible parties as listed in Table 1B for Activities 8 to 12.
	Organise resource development teams			VUST-SC
11	Development of at least 3 IT-aided teaching tools			Academic staff of implementing institutions