

# RECSAM News

SEAMEO Regional Centre for Education in Science and Mathematics

ISSN 0126-7612



May - August 2011

Volume 42 Number 2



## MOU for Academic Collaboration

pg 2



## SEARA Regional Meeting

pg 3



## Workshops / Seminars

pg 5



## Educational and Cultural Exchange Programme

pg 3



## Basic Lifesaving Skills for Staff

pg 11



## 8th Regional Congress

Search for SEAMEO Young Scientists (SSYS)

*"Beyond 2012: Greening the Environment for a Sustainable Future"*

6 - 9 March 2012

SEAMEO RECSAM, Penang, Malaysia

[www.recsam.edu.my](http://www.recsam.edu.my)



## Partnership Goes On



**RECSAM** and UPSI (Universiti Pendidikan Sultan Idris) reformalised their collaboration in a MoU which was signed on 9 June 2011 at UPSI. With this MoU, RECSAM and UPSI would collaborate and take the necessary steps in the promotion of intellectual development and technical cooperation that encompasses short term exchange of academic staff and students, attachment for staff and academic members for internship, exchange of printed journals in science and mathematics education and cooperation in conducting or contributing articles for research, seminars and others. The MoU was signed by the Centre Director, Dr. Azian Abdullah on behalf of RECSAM and Professor Dr. Noraini Idris, Deputy Vice-Chancellor (Research and Innovation) on behalf of UPSI and witnessed by Y.B. Dato' Mohammad Zahir Abdul Khalid, Perak State Exco and Chairman for Education, Higher Education, ICT, Human Resources, Science and Technology Committee. This was followed by a knowledge sharing session by Dr. Patsy Wang-Iverson, RECSAM's invited consultant who gave a talk on "What Can We Learn from TIMSS?"

## MOU for Academic Collaboration

**THE** Memorandum of Understanding (MoU) Signing Ceremony between RECSAM and Rajabhat Maha Sarakham University, Thailand for academic collaboration was held at RECSAM on 23 May 2011. The agreement was signed by Asst. Prof. Dr. Surawat Thongbu, RMU Provost and Dean, Faculty of Education, Rajabhat Maha Sarakham University and Dr. Azian T.S. Abdullah, Centre Director of RECSAM. Under the agreement, RECSAM and Rajabhat Maha Sarakham University, Thailand would jointly cooperate in areas of mutual interest in the field of education especially in science and mathematics, research and professional staff development projects and mechanism for academic collaboration between both parties for a period of five years.



Smiles for the camera



Delegates during an activity session

## Greater Collaboration and New Partnerships Forged at SEAMEO Centre Directors Meeting 2011

**THE** 2010 SEAMEO Centre Directors' Meeting (CDM) was convened from 5 - 7 July 2011 at S31 Sukhumvit Hotel, Bangkok, Thailand with 68 participants comprising the Centre Directors and key officials of the SEAMEO Centres; the SEAMEO Secretariat; representatives from SEAMEO Associate and Affiliate Members namely New Zealand, the University of Tsukuba, and the British Council; invited observers and guests namely the ASEAN Secretariat, FAO (Food and Agriculture Organization of the United Nations), UNESCO Bangkok and UNICEF EAPRO. Representing RECSAM were Dr. Azian T.S. Abdullah, Centre Director accompanied by Mr. Devadason Robert Peter, Deputy Director (Research & Development).



## SEARA Regional Meeting



One for the album: A group photo taken during the Meeting



A session during the meeting



Discussion in progress

**THE** Southeast Asian Regional Assessment (SEARA) Meeting was organised by RECSAM on 19 - 20 July 2011. Twenty four delegates consisted of representatives from Brunei Darussalam, Cambodia, Malaysia, Indonesia and RECSAM academic staff attended the Meeting. The following speakers; namely: (i) Dr Hans Wagemaker, Executive Director, International Association for the Evaluation of Educational Achievements (IEA), Netherlands, (ii) Dr Rob Forage, CEO UNSW Global, Australia, (iii) Dr Rassoul Sadeghi, Head Psychometrician (Educational Assessment Australia) and Dr Wahyudi Yososutikno, SEAMEO Regional Centre for QITEP in Mathematics, Indonesia were also invited as resource speakers to talk on (i) Trends in Mathematics and Science Studies (TIMSS), (ii) A customised solution developed by UNSW Global in partnership with the SEAMEO member countries, and (iii) A home grown system developed by QITEP in Mathematics in partnership with the SEAMEO member countries. The focus of the meeting was to come up with a suitable Southeast Asian Regional Assessment (SEARA) system for science and mathematics for the region; a system that is affordable and sustainable. At the end of the session, the Meeting was generally in favour of all 11 countries taking part in TIMSS (beginning 2015) and Southeast Asian Regional Assessment (SEARA) which would be tested on Year 7 students before they embark on secondary schooling.

## Educational and Cultural Exchange Programme



Smiles for the camera



A session during the Closing Ceremony

**ELEVEN** trainee teachers from the University of Western Sydney, Australia (UWS) came to Penang for a two-week (11 - 22 July 2011) educational and cultural UWS Global Experience Programme. They were accompanied by the UWS staff, Assoc. Prof. Dr. Allan White and Dr. Shirley Gilbert. It was organised by UWS, RECSAM and the Penang State Education Department. The aim of the tour was to provide opportunities for the Australian pre-service teachers to gain a greater understanding of the Malaysian culture and education system and to enhance the formation of closer relationships be-

tween Australian and Malaysian educators. The trainee teachers were placed in two primary schools and two secondary schools to let them gain the cross cultural educational experience of being a teacher or teacher assistant in a local school classroom. The four schools which took part in the programme were SK Sungai Gelugor (Primary), SK Seri Relau (Primary), SMK Bukit Gambir (Secondary) and SMK Sungai Nibong (Secondary). The tour programme proved to be successful where both the trainee teachers and school communities shared and learned a lot from each other.



## Customised Courses

1

### PROFESSIONAL DEVELOPMENT PROGRAMME FOR INDONESIAN (ACEH) SECONDARY SCIENCE & MATHEMATICS EDUCATORS

**TWO** customised courses entitled: (i) Professional Development Programme for Indonesian (Aceh) Secondary Science Educators and (ii) Professional Development Programme for Indonesian (Aceh) Secondary Mathematics Educators were conducted by RECSAM for 44 Aceh educators from 14 March 2011 - 6 May 2011. These training courses were designed to enhance their skills in teaching science and mathematics. The courses were made possible through the sponsorship of the Governor of Aceh's office in Indonesia.



2

### CUSTOMISED COURSE FOR INDONESIAN (SEMARANG) SCIENCE AND MATHEMATICS TEACHERS



**THREE** customised courses for Indonesian Science and Mathematics Teachers entitled: (i) Effective, Constructivist and Meaningful Mathematics Teaching, (ii) Effective, Constructivist and Meaningful Biology Teaching and (iii) Effective Constructivist and Meaningful Physics Teaching were conducted at RECSAM from 25 - 29 July 2011 for 79 participants from Semarang, Indonesia. Thirty eight participants attended the mathematics training course under Assoc.

Prof. Dr. Noor Shah bin Hj. Saad's supervision, 21 participants attended the biology training course under Assoc. Prof. Dr. Ong Eng Tek's supervision while 20 attended the physics training course under Dr Nurulhuda Abd Rahman's supervision. These training programmes were sponsored by the Ministry of National Education of Indonesia and were conducted in partnership with Universiti Pendidikan Sultan Idris (UPSI).

## Seminar -Workshop

### SEMINAR -WORKSHOP ON ENHANCING 21<sup>ST</sup> CENTURY SKILLS IN TEACHING AND LEARNING



A seminar-workshop on "Enhancing 21<sup>st</sup> Century Skills in Teaching and Learning" was conducted by RECSAM for 75 delegates from Rajabhat Maha Sarakham University, Thailand (consisted of Lecturers, Asst. Professors, Assoc. Professors and Professors of Faculty of Education from 23 - 26 May 2011. The following sharing sessions were conducted by our Specialists:

- Education for Sustainable Development by Mr.

Lee Shok Mee, Specialist from Training Programme

- Universal Design for Students' Learning by Mr. Hideo Nakano, Senior Volunteer from Japan International Cooperation Agency (JICA) based at RECSAM
- Lesson Study: Professional Development for In-service Teachers by Dr. Cheah Ui Hock and Dr. Sheila G. Oyao, Specialists from R&D Division



## Workshops / Seminars

### 1 Going Global in SEARCH for Science and Mathematics Researchers for a Sustainable Future: Development of e-Learning Resource Materials to Promote ESD (Education for Sustainable Development) and EFA (Education for All)



Sessions during the workshop

A workshop entitled: Going Global in SEARCH for Science and Mathematics Researchers for a Sustainable Future: Development of e-Learning Resource Materials to Promote ESD (Education for Sustainable Development) and EFA (Education for All) for secondary and primary science/mathematics educators was conducted by Prof. Dr. Rozhan M. Idrus from School of Distance Education, Universiti Sains Malaysia from 21 to 24 June 2011 and followed by a seminar on “Blended Learning: Rebranding Learning for the 21<sup>st</sup> Century” by Prof. Dr. Zoraini Wati Abas from Open University Malaysia and Dr. Kim Phaik Lah from Vision Academy (M) Sdn. Bhd on 27 June 2011. An official launching of SEARCH Web Portal by Dr. Azian T.S. Abdullah, Centre Director of RECSAM was also held on 27 June 2011. This event was organised by RECSAM under the research grant for ‘SEARCH’ and supported by UNESCO and Japan Funds-in-Trust. The workshop was designed to expose participants to ESD-related issues (values-based water education, climate change, etc.) that could be used to promote students’ investigation and PBA/PBL activities. A total of 52 teachers/teacher educators attended this workshop.



Dr. Jon A. Scaife (far left) stressing a point

### 2 What Learning about learning Teaches about Teaching

A workshop for science teachers and educators on “What Learning about learning Teaches about Teaching” by Dr. Jon A. Scaife from University of Sheffield, England was held at RECSAM from 29 - 30 June 2011. Approaches that were shared during the workshop were diagnostic assessment and related processes of diagnostic teaching. A total of 56 participants benefitted from the workshop.

### 3 Utilising the TIMSS (Trends in International Mathematics and Science Study) to Improve Teaching and Learning in the Mathematics Classroom and the Curriculum

A seminar entitled: “Utilising the TIMSS (Trends in International Mathematics and Science Study) to Improve Teaching and Learning in the Mathematics Classroom and the Curriculum” by Dr. Patsy Wang-Iverson, Vice President for Special Projects at the Gabriella and Paul Rosenbaum Foundation was held at RECSAM on 7 June 2011 for 90 teachers, teacher educators and researchers. The seminar was aimed to help teachers improve daily instructions through lesson study and explore how to create an environment that encourages students to identify their errors and to self-correct.



Smiles for the camera

## Consultancy Services

1



**Dr. Koay Suan See**, Specialist (Training Programme), **Ms. Ng Khar Thoe**, Specialist (Research & Development) and **Mr. Baharulnizam Baharum**, Programme

Officer (Training Programme) were involved as panel judges at the Penang Science and Technology Education Carnival (Innovation Competition) organised by the Penang State Education Department from 3 - 5 May 2011. Ms. Ng Khar Thoe was also involved as speaker to talk on "Web-based resources in SEARCH for science and mathematics researchers".

2



**Dr. Leong Chee Kin**, Specialist from Training Programme Division conducted a briefing on "Introduction to GeoGebra" for a group of trainee teachers organised by Institut Pendidikan Guru, Kampus Perlis, Kangar on 4 May 2011 at RECSAM.

3

**Dr. Cheah Ui Hock**, Senior Specialist from R&D Division was involved as facilitator in the workshop on the Implementation of the NKRA Lab Initiative for Teacher Quality in Education: Professional Learning Communities 2011 at DeBaron Resort, Langkawi, Kedah organised by the Teacher Education Division, Ministry of Education, Malaysia from 18 - 20 May 2011.

4



**Dr. Leong Chee Kin**, Specialist from Training Programme Division was invited to conduct a workshop on "Lesson Study in Mathematics" at SMK Tunku Puan Habsah on 21 May 2011. A total of six mathematics teachers, one senior teacher and one lecturer from the IPG, Penang Campus attended this workshop.

5

**Mr. Julito C. Aligaen**, Specialist from Research & Development Division conducted a workshop on Integration of Climate Change Issues across Curriculum in Southeast Asian Schools organised by SEAMEO RECSAM-APN assisted and Coordinated by IPST (institute for the Promotion of Teaching Science and Technology), Bangkok, Thailand for 23 school teachers at Praphamontree II School, Samut Prakan, Thailand from 25 - 26 August 2011.

## Colloquium Organised by RECSAM

**Dr. Shirley Gilbert** from School of Education, University of Western Sydney, Australia gave a talk on "Teaching in Low Socio-Economic School Settings in New South Wales" held at RECSAM on 21 July 2011. A total of 38 participants attended the talk.



Participants paying full attention



Dr. Shirley stressing a point



## Other Events

1



**Mr. Julito C. Aligaen**, Specialist from Research & Development Division attended the 2<sup>nd</sup> Country Report Meeting on Education for Sustainable Development: Climate Change Education (CCE), Education for Disaster Risk Reduction (DRR) and Reorienting

Teacher Education to Address Sustainability in the Five Cluster Countries organised by UNESCO, Cluster Office for Brunei Darussalam, Indonesia, Malaysia, Philippines and Timor Leste Regional Science Bureau for Asia and the Pacific on 20 and 21 June 2011 at UNESCO Office, Jakarta.

2

**Mr. Devadason R. Peter**, Deputy Director (Research & Development) travelled to Amsterdam to attend a meeting with IEA Executive Director for SEARA Project hosted by International Association for the Evaluation of Educational Achievement (IEA) from 23 to 24 June 2011.

3

**Dr. Cheah Ui Hock**, Senior Specialist from Research & Development Division was invited to attend SEAMEO RETRAC 14<sup>th</sup> Governing Board Meeting: Round-table Discussion on Educational Leadership and Management Training for Trainers and SEAMEO RETRAC 15<sup>th</sup> Anniversary organised by SEAMEO RETRAC at Ho Chi Minh City, Vietnam from 9 to 14 August 2011.

4

**Dr. Azian T. S. Abdullah**, Centre Director and Hj Ahmad bin Ramli, Deputy Director (Administration) attended the SEAMEO "Reaching the Unreached" Project meeting in Bangkok, Thailand on 20 to 22 June 2011.

5

**Mr. Julito C. Aligaen**, Specialist from Research & Development Division travelled to Lao PDR and Thailand to attend a series of meetings with Ministry of Education (Lao PDR) and Institute for the Promotion of Teaching Science and Technology (IPST) representing the Education Ministry of Thailand to discuss the implementation and collaboration of the climate change integrated education modeling and research project; and to setup the pilot sites of the project. It was agreed during the series of meeting with the key officers from Lao PDR Ministry of Education that the first workshop will be conducted on 29 & 30 September 2011 at Vientiane, Lao PDR. As for Thailand, the workshop was held in Samut Prakan from 25 - 26 August 2011 with a total of 27 participants.



## Outdoor Study



Where ideas, theories, and practical happen

**HAVE** you ever done jungle trekking bare-footed, or wearing slippers or office shoes in the rain? A group of 22 Indonesian (Aceh) science teachers who were attending a professional development course at RECSAM from 14 March - 6 May 2011 braved the rain and tested their endurance in seeking 'Ilmu' (knowledge) and experience by doing that from Teluk Bahang to Pantai Keracut in the Penang National park on 4 May 2011. This was truly the first time ever done by a group of RECSAM course participants. They challenged the perilous and slippery terrains in the tropical rainforest on a rainy day to study its flora, fauna and ecology. They explored the phenomenal meromictic lake at Pantai Keracut, figuring out how two layers of water do not mix, strangely, warm water at the bottom and cold water on top, against the normal principles of science. They wanted to visit the turtle hatchery but the main entrance was locked.



## Staff Development

1



**Ms. Foo Lay Kuan** Deputy Director (Training Programme) attended the 2nd International Seminar on La main à la pâte at Sevres, France from 9 - 15 May 2011. She presented a poster entitled “Advancing

Professional Development of Science and Mathematics Teachers in Southeast Asia and Beyond”. The event was organised by La main à la pâte and Academie des Sciences with the support of the Ministry of Education France, Ministry of Foreign Affairs, and the International Centre for Pedagogical Studies.

2

**Mr. Julito C. Aligaen**, Specialist from Research & Development Division attended an online course on Responding to Climate Risks in Agriculture and Natural Resource Management organised by SEAMEO SEARCA from 15 May to 9 July 2011.

3

**Mr. Lee Shok Mee** and **Dr. Koay Suan See**, Specialists from Training Programme Division attended a two-day symposium on “The Role of the Penang Botanic Gardens: Meeting the Challenges of the 21<sup>st</sup> Century” jointly organised by School of Biological Sciences in Universiti Sains Malaysia, Socio-Economic & Environmental Research Institute (SERI) and the Mohamed Haniff Foundation on 24 & 25 May 2011.

4

**Ms. Bhavani Ramasamy**, Programme Officer (Research & Development) and **Mr. Baharulnizam Baharum**, Programme Officer (Training Programme) attended a course entitled: “Making a Difference (MAD) – Develop Your Potential at Workplace” organised by Emerge Knowledge Connection Sdn. Bhd. at Legend Hotel, Kuala Lumpur on 24 & 25 May 2011.

5



**Fifteen staff** from RECSAM participated in a professional visit to the Regional Meteorological Forecast Office and DCA Airport Control Tower at Bayan Lepas International Airport, Penang on 2 June 2011 which was organised by Penang Regional Centre: Malaysian National Computer Confederation (PERC-MNCC).

6

**Mr. Lee Shok Mee**, Specialist from Training Programme Division and **Dr. Sheila G. Oyao**, Specialist from R&D Division went to Singapore to attend the Singapore Lesson Study Symposium 2011 organised by National Institute of Education (NIE) and Academy of Principals, Singapore (APS) at Suntec Singapore International Convention & Exhibition Centre from 2 - 3 June 2011.

7

**Mr. Lee Shok Mee**, Specialist from Training Programme Division attended the 22<sup>nd</sup> Pacific Science Congress organised by Pacific Science Association (PSA), Akademi Sains Malaysia, Ministry of Science, Technology and Innovation (MOSTI), International Science, Technology and Innovation Centre for South-South Cooperation (ISTIC) and International Council for Science (ICSU) at Kuala Lumpur Convention Centre from 14 - 17 June 2011.

8

**Dr. Koay Suan See, Mr. Lee Shok Mee, Mr. Marmon A. Pagunsan, Mr. Dominador D. Mangao, Mr. Hideo Nakano, Ms. Ng Khar Thoe, Mr. Julito C. Aligaen, Dr. Hazura Ab Bakar** and **Dr. Sheila G. Oyao**, RECSAM’s Specialists attended the 7<sup>th</sup> EGU Alexander Von Humboldt International Conference GeoScience Information For Teachers (GIFT) Workshop organised by Universiti Sains Malaysia at Park Royal Hotel, Penang from 20 to 24 June 2011.



**9** **Dr. Fong Ho Kheong**, Specialist from Training Programme Division attended a 3-day Graphing Calculator Conference organised by Universiti Sains Malaysia at Holiday Inn, Penang from 21-23 June 2011.

**10** **Mr. Lee Shok Mee**, Specialist from Training Programme Division participated in the Geosciences Information for Teachers' (GIFT) workshop organised by the School of Biological Sciences, Universiti Sains Malaysia and Geosciences Union on 23 & 24 June 2011.

**11** **Dr. Hazura Ab Bakar**, Specialist from Research & Development Division participated in the ASEAN Framework and Roadmap for Sustainability Education Workshop organised by Pusat Kajian Kelestarian Global, Universiti Sains Malaysia at Gurney Hotel from 24-26 June 2011.

**12** A workshop on "Universal Design for Learning Science" by Mr. Hideo Nakano, Senior Volunteer from Japan International Cooperation Agency (JICA) was held at RECSAM for staff and their children on 25 June 2011 at RECSAM. A total of 28 staff, their spouses and children participated in this workshop.



**13** **Mr. Devadason R. Peter**, Deputy Director (Research & Development) travelled to Lisbon, Portugal to attend the World Conference on Educational Multimedia, Hypermedia and Telecommunications (ED-MEDIA 2011) organised by Association for the Advancement of Computing in Education (AACE) from 27 June to 1 July 2011. He also presented a peer reviewed full paper on "Effectiveness of Slowmation when used as a Desired Difficulty Construction Task in the Learning of Moon Phases".



**14** **Ms. Wong Lai Cheng**, Publication and Multimedia Executive attended a three-day SEAMEO-UNESCO workshop on "Information Knowledge Management: How to Produce High-Quality Publications" jointly organised by SEAMEO Secretariat and UNESCO Bangkok from 27 - 29 June 2011 in Bangkok, Thailand.

**15** **Ms. Foo Lay Kuan**, Deputy Director (Training Programme), **Dr. Koay Suan See**, **Mr. Hideo Nakano** and **Mr. Lee Shok Mee**, Specialists from Training Programme Division attended the International Conference on Teaching Science and Mathematics using Toys and Hands-on Activities organised by International College, Suan Sunandha Rahabhat University from 4 - 7 July 2011 at Pattaya, Thailand.

**16** **Dr. Hazura Ab Bakar**, Specialist from Research & Development Division conducted a training workshop on "Basic SPSS" for six RECSAM's professional staff on 26 July 2011.

**17** **Mr. Foo Kok Keong**, Research Officer from Research & Development Division ran a workshop on "EndnoteX4" for eighteen RECSAM's professional staff on 27 July 2011.

**18** **Dr. Hazura Ab. Bakar**, Specialist from Research & Development Division travelled to the United Kingdom to attend a course on Monitoring and Communicating Biodiversity organised by Field Studies Council (FSC) at Preston Montford Field Centre, Shrewsbury, England, UK under the Darwin Scholarship Programme from 26 August - 5 September 2011.

**19** **Dr. Warabhorn Preechaporn**, Specialist from Training Programme Division and **Mr. Julito C. Aligaen**, Specialist from Research & Development Division attended a seminar-presentation on "Recent Development and Future Research Opportunities in Marine Resource Management and Economics" by Prof. Niels Vestergaard from University of Southern Denmark organised by Centre for Policy Research and International Studies (CenPRIS), Universiti Sains Malaysia (USM) on 18 August 2011.



## New Faces

LET us welcome the following new members into RECSAM's family!



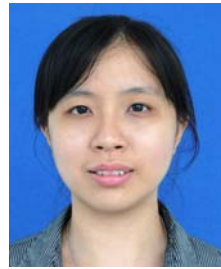
**Ms Faridah bt. Abdul Hamid** is the new Administrative Assistant (Personal Assistant to Centre Director) based at Administration Division since 18 May 2011. Ms Faridah was previously attached to Perbadanan Bekalan Air Pulau Pinang.



**Ms Puganesh Selvaraj** joined RECSAM as a Programme Officer in Training Programme Division on 4 July 2011. In her previous employment, Ms Puganesh served Universiti Sains Malaysia Press.



**Mr Shahrizan bin Mohd Said** took the post of Information & Documentation Executive on 1 August 2011. Mr Shahrizan worked as a lecturer at INTI International College Penang before joining RECSAM.



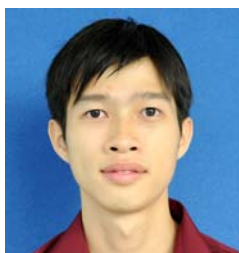
**Ms Ong Mei Yean** is the new Research Officer at Research & Development Division who joined RECSAM on 2 August 2011. Ms Ong has previously worked at Institute for Research in Molecular Medicine, Universiti Sains Malaysia.

## Farewell

TO the following former staff of RECSAM, we wish you good health and all the best in your future endeavours. Your dedication and contribution to the Centre would be greatly remembered.



**Ms Lim Ai Chin**, Administrative Assistant (Special Grade) based at Centre Director's office who has been with RECSAM for 40 years 8 months 2 days retired on 23 Dec 2010. Her service was extended on a contract basis and she left the Centre on 31 May 2011.



**Mr Chin Chen Far**, Research Officer at Research & Development Division left the Centre on 13 July 2011.



**Ms Zunaidah Babu**, General Assistant stationed at RECSAM's International House who has been with RECSAM for 17 years retired on 21 August 2011.

## Promotes Healthy Living

RECSAM recently organised a one-day talk session entitled: Positive Health on 16 August 2011. It was specially organised by the Centre in line with its effort in promoting health consciousness among its staff and also as a prelude to the BMI (body mass index) contest held in conjunction with RECSAM's Family Dinner. Dr Azian T.S. Abdullah, Centre Director also expressed hope that RECSAM staff could gain some insights and be motivated by the talk given by En Kamaruddin Hashim, former lecturer from Institut Pendidikan Guru. During the talk, En Kamaruddin educated staff ways/ steps to being healthy, importance of staying healthy and also guided staff to some physical exercises. The event was a successful one indeed, as staff gleaned a wealth of information on how to take care of their health.



## Basic Lifesaving Skills for Staff



RECSAM staff learning first aid and life-saving techniques

A group of RECSAM staff attended the first aid training course on "Introduction to First Aid and CPR" to renew their certificates. The training course was conducted by Mr. Muthukumaran Paramathmah on 19 May 2011 for 28 staff.

There were theoretical lessons and hands-on exercises followed by an examination. Staff were exposed to different types of emergencies such as trauma emergencies and cardiac and respiratory emergencies. Apart from that, staff were also taught the simple steps of cardiopulmonary resuscitation (CPR) through a mock accident scenario.

## Upcoming Events

### SCHEDULE OF REGULAR COURSES TO BE CONDUCTED FOR YEAR 2012

DURATION	DATE	CODE	COURSE TITLE
4 weeks	2 April 2012 to 27 April 2012	RC-PS-136-1	Linking Primary Science Learning to Everyday Life and Societal Needs
		RC-SM-136-2	Making Real Life Connections and Developing Mathematical Ideas in Secondary Classrooms
		RC-SM-136-3	Meaningful Learning in Secondary Mathematics through Interactive Technologies
		RC-PS-136-4	Lesson Study: Improving Instructional Practices in Primary Science Classrooms

For more details, visit: [www.recsam.edu.my](http://www.recsam.edu.my)

Get the latest RECSAM updates from Facebook and Twitter!

• Be a fan: SEAMEO-RECSAM

• Follow us: [http://twitter.com/SEAMEO\\_RECSAM](http://twitter.com/SEAMEO_RECSAM)

facebook

twitter

# SEAMEO RECSAM



**Southeast Asian Ministers of Education Organisation  
Regional Centre for Education in Science and Mathematics**

## *RECSAM Facilities & Accommodation*

The Southeast Asian Ministers of Education Organisation - Regional Centre for Education in Science and Mathematics (SEAMEO RECSAM) is an inter-governmental organisation established in Penang in 1967. The International House which is conveniently located at the heart of the Regional Centre for Education in Science and Mathematics (RECSAM) offers affordable accommodation and state-of-the-art facilities powered by cutting-edge facilities. The International House has 152 furnished rooms and suites which are elegantly designed keeping in mind the astute taste of our guests. RECSAM's fully-equipped event facilities are also suitable for seminars, trainings, workshops, meetings and other functions.



Meeting Room



SEAMEO Hall



Auditorium



ICT Lab



Deluxe Room



Junior Suite



VIP Suite



Dormitory

For booking or more  
information, contact us:

International House, SEAMEO RECSAM

Jalan Sultan Azlan Shah, 11700 Gelugor, Penang

Tel: 604-6522727 Fax: 604 6522738



## Editorial Board

### Advisor

Dr. Azian T.S. Abdullah

### Editorial Committee

Hj. Ahmad Ramli

Foo Lay Kuan

Devadason Robert Peter

### Editor

Wong Lai Cheng

### Editorial Assistant

Muhammad Hanif

### Design

Leong Yik Chin

### Technical Support

Mohd. Yusof Abu

Roslan Akob

### Photographer

Ch'ng Choon Chua

### Contributors

Dr. Cheah Ui Hock

Dominador D. Mangao

Dr. Leong Chee Kin

Dr. Hazura binti Ab. Bakar

Dr. Sheila Gamut Oyao

Julito C. Aligaen

Lee Shok Mee

Marmon A. Pagunsan

Ng Khar Thoe

Teoh Boon Tat

Baharulnizam Baharum

Jenny Ong

Khoo Suan Si

Ong Yew Keong

RECSAM News is a periodical publication of the SEAMEO Regional  
Centre for Education in Science and Mathematics  
Jalan Sultan Azlan Shah, 11700 Gelugor, Penang, MALAYSIA  
Tel: 60 4 6522700 Fax: 60 4 6522737  
Website: [www.recsam.edu.my](http://www.recsam.edu.my) Email: [director@recsam.edu.my](mailto:director@recsam.edu.my)