



# JGSEE NEWSLETTER

The Joint Graduate School of Energy and Environment

King Mongkut's University of Technology Thonburi

91 Pracha Uthit Rd., Bangmod, Tungkru, Bangkok 10140 THAILAND

Operates under 5 universities collaboration



KMUTT



KMITTB



CMU



PSU



SIIT-TU

*Vol. 1 No. 2 March - April 2001*

## NEPO Project Review Team Visited JGSEE

→ 22 Feb 2001.

On Friday 2001, a project review team led by

Asst. Prof. Dr. Orawan

Tancharoenrat

visited JGSEE

for about 5

hours to

evaluate

JGSEE

activities and

performance.

The midterm

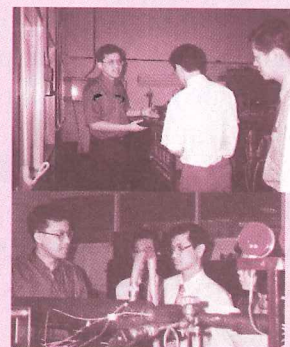
review was

undertaken on

behalf of the National

Energy Policy Office, in connection with the Postgraduate Education and Research in Energy and Environment Project which receives funding from NEPO. The review team, which was from Rajabhat Institute, Suan Dusit, were welcomed by JGSEE director, deputy, and staff. They were briefed on background, management structure, education activities and other related issues, including progress achievement, problems and future directions. Later on, the team were led to tour around the premises to observe facilities and equipment purchased under the project. Questions were responded after lunch, and the team interviewed a number of faculties and students to obtain insight views on the project activities, and performance.

*The visit was finally ended at the Department of Mechanical Engineering to observe a number of JGSEE students research projects.*



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**JGSEE Newsletter is edited and published by  
The Joint Graduate School of Energy and  
Environment**

Prof.Dr. Chullapong Chullabodhi *Executive Editor*

Ms. Prathumthip Sawangamporn *Editor*



# Development of JGSEE Curriculum

Following the presentation of vision and mission of JGSEE together with facts and figures in the previous issue of JGSEE Newsletter, we feel appropriate to record some historical development of JGSEE curriculum in this issue so that readers could understand its origin and background more clearly.

The ADB project proposal was conceptualized by the School of Energy and Materials during the period of June 1996 to 1997. The project formulation including curriculum development were steered by the previous two deans of the school - Prof. Dr. Somchart Soponronarit, and Prof. Dr. Chullapong Chullabodhi, and a number of people. Professor Dr. Prida Wibulswas, and the SEM Faculty Committee were some of them. To summarize the events in chronological order:

**June 1996** - SEM decided to write a project proposal to submit to ADB for funding.

**12 July 1996** - KMITT Council approved the Institute participation in the ADB Loan Program. Out of the Institute 11 participated projects, KMITT is leader of consortium in 4 projects.

**6 September 1996** - SEM Faculty Committee was informed that only 3 projects that KMITT participated passed the qualifying first round.

**6 June 1997** - SEM Faculty Committee approved the setting up of a working group consisting of Dr. Prida, Dr. Sirintornthep, Dr. Chongchit, Dr. Narumol and Ms. Tippabun to draft the Ph. D curriculum for submitting to ADB. The curriculum was also to be used for Kanchanapisek Grant purpose.

**11 July 1997** - SEM Faculty Committee approved the structure of the Ph. D curriculum, which consisted of 6 credits of compulsory subject, and 6

credits of electives. A new M. Phil course was also considered.

**24 July 1997** - KMITT Council approved M. Phil and Ph. D curriculum.

**22 August 1997** - SEM Faculty Committee approved the management framework of JGSEE.

**3 October 1997** - KMITT Council approved the management framework of JGSEE and the members of the JGSEE Board of Trustees.

## The Joint Graduate School of Energy and Environment (JGSEE)

Operates under 5 universities collaboration :

**KMUTT, KMITNB, CMU, PSU, SIIT-Thammasat**

With financial assistance from NEPO and MOU under a loan program

Invites applications for admissions to M. Phil and Ph. D programs in Energy and Environment for 2001 intake

**M.Phil program - 1½ year with 40 total course credits**

**Ph.D program - 2½ year with 55 total course credits**

Tuition fee 2,500 baht/ credit and school fee 24,000 baht/ semester

**Scholarships are available for potential candidates.**

Commencement date for first intake, 4 June 2001

**Enquiries: Ms. Supranee**

**Tel.(02) 470-8309, 470-8310 Ext. 4115, 4116**

**Fax. (02) 872-6736**

**[Http://www.jgsee.kmutt.ac.th](http://www.jgsee.kmutt.ac.th)**

**E-mail:[academic@jgsee.kmutt.ac.th](mailto:academic@jgsee.kmutt.ac.th)**



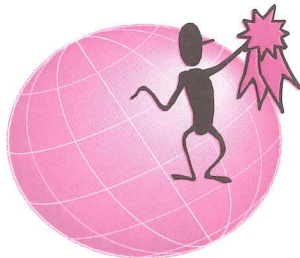
# What's Going On Around JGSEE ?

## Honour and Recognition for JGSEE Professor



In recognition to the services rendered to the scientific world in the field of environment, our academic staff - Professor V. N.

**Bashkin** has his name recorded in the *Who is Who in the World for the year 2000*. We all at JGSEE would like to congratulate him on this achievement. We are also pleased to learn that he has recently been awarded the Commemorative Medal of Honour, Hallmark 2000 by the American Biographical Institute. We wish him well and look forward to hear more rewards from him in the future.



## JGSEE Signed a Letter of Intent on Technical Cooperation with the University of Waterloo, Canada

This is the first time that JGSEE has been involved in a co-operation program with a foreign institute. The agreement which is in the conceptual stage, involves three parties — JGSEE, Waterloo University and NECTEC. Co-operating activities focus on staff and student exchange, including joint research. If the application for support to the Canadian government is successful, the program can generate activities which will be beneficial not only to the parties concerned, but also our neighbouring countries.

## New Affiliated Staff

During February 2001, two faculties from King Mongkut's Institute of Technology North Bangkok (KMITNB), and one from King Mongkut's University of Technology Thonburi (KMUTT) have joined JGSEE as affiliated staff. The two from KMITNB are Dr. Phavanee Narataraksa and Dr. Sutham Patumsawad. Dr. Phavanee is a Ph.D. graduate of University of Manchester Institute of Science and Technology, United Kingdom. She specializes in heat exchanger network design and control including simulation and modelling.



Dr. Sutham is the former Ph.D. graduate of the University of Sheffield, United Kingdom. His research activities are in the area of chemical engineering and related fields.

The last faculty from KMUTT is Asst. Prof. Dr. Supaporn Therdthianwong who is a Ph.D. graduate of the University of Illinois at Chicago. Her interests involve catalyst preparation and reaction and fuel cells technology.

### Library News : Journal subscription

The JGSEE library is currently subscriber of :

\* 3 international journals: Renewable Energy World, Renewable Energy, Atmospheric Environment.

\* 2 Thai journals: The Energy Efficiency Journal, KMUTT Research and Development Journal. A few more are being considered by staff.

Since the start of the new year, the collection of books in JGSEE library has increased more than 150 items, making the total number expanding to over 700 books.



## JGSEE Seminar at Hin Suay Naam Sai Resort, Rayong



JGSEE organized its bi-annual seminar on 17-18

February 2001, at Hin Suay Naam Sai Resort, Rayong. 25 participants were at this meeting. The invited speaker was Assoc. Prof. Dr. Bundit Fungthammasan from KMITNB who spoke on

"Cooperation among consortium universities".

Work progresses from each section/ division were presented and problems were shared by all seminar participants. Although the

discussions did not lead to solutions for all the issues, everyone enjoyed the meeting which is part of our team building activities. 'Til we meet again next time.



1. Assoc. Prof. Dr. Bundit Fungthammasan

2. Assoc. Prof. Dr. Bundit & Direct or Prof. Chullapong Chullabodhi

3. Prof. Exell & Prof. Bashkin

4. JGSEE senior members of staff and invited guest.

5. Luncheon







## IT Plan of Activities

During the next two months, JGSEE IT Section, Technical Support Division, will be implementing a number of measures to strengthen the facilities for users and students. The first activity is to install licensed softwares in all users' PC.

The softwares to be installed are :

- licensed version of MS-Office 2000 Professional (Thai edition)
- licensed version of MS Windows 2000 Professional (International)

Moreover, 4 PC sets will be provided for the environment division to be used by research students. This is in addition to CD Writer and the provision of 6 pairs of headphone for students use in the computer room.

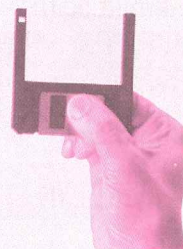
### TIPS from IT : How to



### NAVIDAD Virus?

*When you see winsvrc.exe in your PC, it indicates that your unit is infected with NAVIDAD Virus. To get rid of the virus, take the following steps:*

1. copy file *kill.bat* and *undo.reg* in your PC place it in C:\
2. point to *start* —> *program* — > *ms-dos prompt*
3. then type *CD\*
4. type *kill*
5. double click *my computer* and go to the file *undo.reg* double click and click *OK* then *restart* your computer.

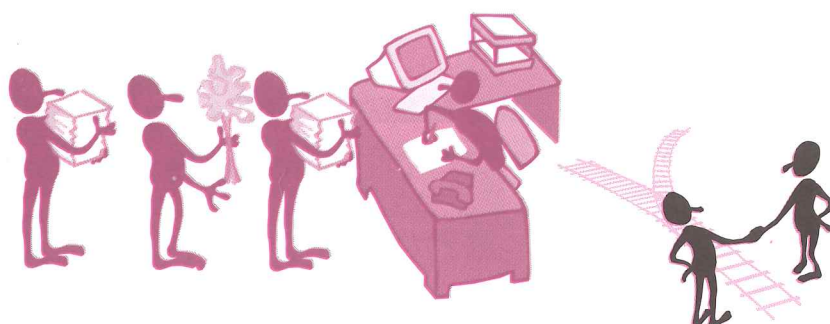




# New and Updated E-mail Addresses

You may contact each section in JGSEE using new and updated e-mail addresses below:

E -mail Addresses	Division /Section	Contact Person
1. jgsee@jgsee.kmutt.ac.th	Public relations	Panida Sookkosol
2. director@jgsee.kmutt.ac.th	Director	Prof.Dr.Chullapong Chullabodhi
3. sirin@jgsee.kmutt.ac.th	Deputy Director	Assoc.Prof.Dr.Sirintornthep Towprayoon
4. academic@jgsee.kmutt.ac.th	Education Div.	Piyanuch Sumrit & Supranee Charoensak
5. supranee@jgsee.kmutt.ac.th	Education Div./Acting Head	Supranee Charoensak
6. libraria@jgsee.kmutt.ac.th	Library Div.	Kochakorn Jintasathit
7. pawena_p@jgsee.kmutt.ac.th	Chief Librarian	Paweena Panitpichet
8. ajee@jgsee.kmutt.ac.th	Publication Support	Prathumthip Sawangamporn
9. Helpdesk@jgsee.kmutt.ac.th	IT. Support	Vitool Pongim & Supavadee Arunchaiya
10. exell@jgsee.kmutt.ac.th	Energy Div. / Academic	Prof.R.H.B.Exell
11. chumnong@jgsee.kmutt.ac.th	Energy Div./Acting Head	Dr.Chumnong Sorapipatana
12. env_lab@jgsee.kmutt.ac.th	Environment Div. / Research Assistant	Salakjit Namjun
13. bashkin@jgsee.kmutt.ac.th	Environment Div./Academic	Prof.V.N. Bashkin
14. ejharvey@jgsee.kmutt.ac.th	Environment Div./Academic Support	E.Jocelyn Harvey
15. suwannee@jgsee.kmutt.ac.th	Environment Div./Academic	Dr.Suwannee Assawakulchai
16. finance@jgsee.kmutt.ac.th	Financial Section	Chantra Khemapirat
17. wiwit_s@jgsee.kmutt.ac.th	Financial Section / Acting Head	Wiwit Siriruengvanitch







# English Tutor Wanted

- Native English speaker
- Part-time or full-time working in Bangmod, Thonburi area
- Duties to teach English to graduate students and proof reading of technical reports

More details please contact 8729014-15 ext. 4115-4116

E-mail : [jgsee@jgsee.kmutt.ac.th](mailto:jgsee@jgsee.kmutt.ac.th)



**The Joint Graduate School of Energy and Environment KMUTT, Bangmod, Thonburi**



Requires urgently



## 3 ACADEMIC STAFFS

Ph. D. graduate in Energy or Environment related to Energy Production or Utilization.

Duty : Graduate teaching and thesis supervision.

## SCHOOL SECRETARY

Ph. D. graduate with some experience in academic administration.

More details, please contact:

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**91 Pracha-Uthit Rd., Bangmod, TungKru, Bangkok 10140**

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**E-mail : [jgsee@jgsee.kmutt.ac.th](mailto:jgsee@jgsee.kmutt.ac.th)**



# JGSEE Wishes All of You a Very Happy Songkran Holidays !



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