

AREA OF INTEREST

Asset Management, Ageing Modeling of Electrical Equipment, Maintenance Influenced, Power System Engineering

EDUCATION

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| RWTH AACHEN (AACHEN UNIVERSITY OF TECHNOLOGY)
Institute for High Voltage Technology
Doctor of Engineering (Dr.-Ing.)
- Research Group of Systems Engineering and Asset Management | Aachen, Germany
Feb2007-present |
| RWTH AACHEN (AACHEN UNIVERSITY OF TECHNOLOGY)
Master of Science
- Major in Electrical Power Engineering (in English)
- Graduate with GPA 1.8 (1.00 is the best, 4.00 is the least) | Aachen, Germany
Oct2002-Jan2005 |
| KASETSART UNIVERSITY
Bachelor of Engineering with the Second Class Honors
- Major in Electrical Engineering
- Graduate with GPA 3.48 (4.00 is the best, 1.00 is the least) | Bangkok, Thailand
1996-2000 |
| KASETSART UNIVERSITY LABORATORY SCHOOL
High School Certificate
- Concentration in Math and Science
- GPA 3.87 (4.00 is the best, 1.00 is the least) | Bangkok, Thailand
1994-1996 |

WORK EXPERIENCE

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| INSTITUTE FOR HIGH VOLTAGE TECHNOLOGY (IFHT), RWTH
<i>Graduate research in systems engineering and asset management group</i>
<i>Teaching assistant (both in German and English languages)</i> <ul style="list-style-type: none">• Electrical Engineering Laboratory• Electrical Power Engineering Laboratory I&II• High Voltage Laboratory• Physical-Technical Laboratory | Aachen, Germany
Feb2007-present |
| ELECTRICITY GENERATING AUTHORITY OF THAILAND (EGAT)
(Power System Analysis Section1, Control and Protection System Division)
<i>Electrical Engineer</i> <ul style="list-style-type: none">• Analyze electrical power system to solve fault problem and prevent blackout occurring around Thailand (by using PSS/E, EMTDC program)• Specialize in load flow, stability, contingency study• Being a consultant in electrical power system field for other companies | Bangkok, Thailand
Feb2001-Feb2007 |
| FUTURE OPTION CO., LTD Distributor of General Electric, Thailand Inc. (GE)
<i>Sales and Project Engineer</i> <ul style="list-style-type: none">• Contacted with Thai and Foreign clients• Worked related to Automation System, PLC• Trained in Programmable Logic Controller programming; General Electric Inc. | Bangkok, Thailand
April2000-Jan2001 |

TRAINEE EXPERIENCE

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| INSTITUTE OF POWER SYSTEM AND POWER ECONOMICS, RWTH
<i>Master thesis</i> <ul style="list-style-type: none">• Development of planning criteria for the comprehensive planning of high and medium voltage networks | Aachen, Germany
Sep2004 - Jan 2005 |
| ABB, CALOR EMAG HOCHSPANNUNG GmbH
(New Drive Technologies Department) <ul style="list-style-type: none">• Development and commissioning of test control software of data acquisition with hydro mechanical spring drives by using MATLAB Graphical User Interface (GUI) | Hanau, Germany
June-Aug 2004 |
| TELEPHONE ORGANIZATION OF THAILAND <ul style="list-style-type: none">• Telephone system | Bangkok, Thailand
April-May 1999 |

PUBLICATIONS

Journal Papers

- J1. T. Cheumchit, "Benefits from the Comprehensive Planning of the High and Medium Voltage Network", International Energy Journal, Volume 8, Issue 1, March 2007

Conference Papers

- C1. T. Cheumchit, T. Borchard, "Benefits from the Comprehensive Planning of the High and Medium Voltage Network", Energy for Sustainable Development: Prospects and Issues for Asia, Phuket, Thailand, March 2006

AWARDS AND SCHOLARSHIPS

- ABB scholarship for Master Degree, 2002-2004
- B.ENG with Second Class Honors, 2000
- Good Student Scholarship, Kasetsart University, 1999
- Academic Distinction Medal, Kasetsart University, 1999
(a decoration for a good student who can get GPA>3.5 per semester)
- Academic Distinction Certificate, Kasetsart University Laboratory School, 1993-1995

SKILL

- Computer : MATLAB, AutoCAD, Pascal, MS-office, Internet
PSS/E, PSCAD, Power World (Program for power system analysis)
- Language : Thai (mother tongue)
English (very good)
German (good)
- Others : Programmable Logic Controller (PLC), Music (Piano, Thai Musical Instrument), Thai Traditional Dance

ACTIVITIES

- Being Secretary of GATS (Thai Student Association in Aachen Germany), 2002-2003
Member of Electrical Engineering Club of Kasetsart University, 1997-2000
Member of Thai Traditional Dance Club of Kasetsart University; Performed in university festivals, 1996-2000

PERSONALITY

SELF-MOTIVATED, WELL-ORGANIZED, ETHUSIASTIC, AND OPTIMISTIC