

BIO-DATA

Name: Pattana Rakkwamsuk **Sex :** Male
Date of Birth : September 20th, 1960
Nationality : Thai
Marital Status : Single
Home Address : 365/1100 Putthabucha Rd, Tungkru, Bangkok 10140

Education :

1993 –1999 D.Sc. in Electrophysics
The George Washington University, Washington, DC, U.S.A.
1992-1993 M.Sc. in Electrophysics
The George Washington University, Washington, DC, U.S.A.
1982-1987 M.Sc. in Energy Technology
King Mongkut’s Institute of Technology Thonburi, Bangkok, Thailand
1977-1982 B.Sc. in Physics
Sri Nakharinwirot University, Bangsaen, Thailand

Present Appointment :

Lecturer, Division of Materials Technology,
School of Energy and Materials,
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Past Experience :

1987 – 1990 Lecturer, School of Energy and Materials, King Mongkut’s Institute of
Technology Thonburi, Bangkok, Thailand.

Collaborated with the National Energy Authority of Thailand to advice
government and private sectors on energy conservation in buildings and
industries.

Collaborated with University of California at Berkeley to establish a standard
computation for building thermal performance indices, OTTV and RTTV.

1997 – 1998 Teaching Assistance at School of Engineering and Applied Science, the George
Washington University, Washington, DC, U.S.A.

Fields of Specialization :

Electromagnetic Theory
Magnetic recording technology
Magnetic viscosity in recording materials
Preisach hysteresis models
Energy Conservation in buildings and industries

Curent Research Activities:

Research and development of thin film technology for energy efficient glazing materials.
Thermal insulation produced from cellulosic fibers.