CURRICULUM VITAE

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Personal Details:

Name: Manas Sangworasil, D.Eng.

Nationality: Thai

Office Address: College of Biomedical Engineering Rangsig University

52/347 Muang Ake. Phaholyothin Rd.

Telephone: +6629972200 Ext. 1428,1506

Fax: +6629972200 Ext. 1408

Mobile: +6696993569

E-mail Address: ksamanas@gmail.com,manas.s@rsu.ac.th

Academic Title: Associate Professor

Education:

1990 D.Eng. (Electronics Engineering), Tokai University, Japan.

1977 M.Eng (Electronics Engineering), Tokai University, Japan.

1973 B.Eng. (Electrical Engineering), King Mongkut's Institute of Technology Ladkrabang. Bangkok, Thailand.

Work Experiences:

2006 – present Adviser committee of Thai Biomedical Engineering Research Association

(ThaiBME).

2007 – 2007 Chairman of The 1st Symposium on Thai Biomedical Engineering (ThaiBME 2007).

Chairman of The 30th Electrical Engineering Conference (EECON-30).

Chairman of Electrical Engineering/Electronics, Computer, Telecommunications and Information Technology (ECTI-CON 2007).

2000 – 2004 Director of Computer Research and Service Center, King Mongkut's Institute of

2000 – 2001 Vice chancellor of Research section, King Mongkut's Institute of Technology

Ladkrabang.

1992 – 2000 Dean of Graduate school, King Mongkut's Institute of Technology Ladkrabang.

1993 – 1995 Assistant dean of Academic section, Faculty of Engineering, King Mongkut's Institute of Technology Ladkrabang.

1993 – 1995 Committee of Faculty of Engineering, King Mongkut's Institute of Technology Ladkrabang Council.

1991 – 1992 Committee of King Mongkut's Institute of Technology Ladkrabang Council.

1986 – 1992 Head of Electronic Department, King Mongkut's Institute of Technology Ladkrabang.

1982 – 1986 Head of Electronics Research Center, King Mongkut's Institute of Technology Ladkrabang

Grants:

1987 – 1988 Development Model of Electrocardiograph and Respiration Rate for Using Outside (Portable Electro-Cardiograph Monitor) with Office of the National Research Council of Thailand.

1985 – 1986 Development model of Electrocardiograph, Blood Pressure, Heart Rate Calculator, and Respiration Rate (Sirindhorn Model) with Princess Sirindhorn's Projects.

Thai Projects:

1988 – present - Design 3D images from 2D images by shading method.

- Design 3D images by using X-ray Photograph or MRI images and CT images.

- Compression images by using wavelet transform.

- Design 3D images by using parallel computer.

1985 – 1986 - Development Technology of Long Distance Transmittance ECG.

- Development model of Heart Rate Calculator of Foetus by Ultrasound with Office of The National Research Council of Thailand

- Research Model of Pacemaker by Adjust Rate with Professor Mom Rajawongse Kalyanakiti Kitiyakara, MD and Associate Professor Somboon Boonkasem, MD, Department of Surgery, Faculty of Medicine, Ramathibodi Hospital.

- Research About Using Microcomputer Evaluate Electrocardiograph.

1980 – 1984 - Invent Stimulator for Fast Osteopathy by Using Electricity and Magnetic Field with Emeritus Professor Dr.med.Yongyugh Vajaradul, Department of Surgery Orthopedics, Faculty of Medicine, Siriraj Hospital.

1981 – 1982 - Invent Model Simulation Electrocardiograph for Test Electrocardiograph.

1977 – 1980 - Invent Meter Model of Heart Rate Calculator of fetus by Ultrasound with Lerdsin Hospital.

- Invent Meter Model of Heart Rate Calculator of Prematurity with Sunthorn Horpaopan, MD, Children's Hospital.

Awards:

- Decoration of Chanmahawachiramongkud (Thailand royal award)

Professional Interests:

- Digital Signal Processing
- Digital Image Processing especially Image reconstruction form projection
- Bio-medical Image Processing
- Bio-medical Instrumentation

Professional socities:

- Biomedical Engineering Society of Thailand
- Research council of ThaiBME 2007-present