DEVELOPMENT OF ENERGY EDUCATION AND RESEARCH IN DEPARTMENT OF ELECTRICAL POWER ENGINEERING, YTU

DR. OKKA

PROFESSOR & HEAD

NO. OF TEACHING STAFF

No.	Position	No. of Staff (Male)	No. of Staff (Female)	Total	Remark
1.	Professor	3	3	6	
2.	Associate Professor	3	3	6	
3.	Lecturer	2	8	10	1-PhD 2-ME
4.	Asst. Lecturer	-	7	7	2-ME
5	Demonstrator/ Tutor	-	1	1	
	Total	8	22	30	

RESEARCH GROUPS

(1) Power System Research Group

(2) Energy Management and Power System Reliability Group

(3) Renewable Energy Group

(4) Power Electronic and Control Group

(5) Plasma Science Lab Group

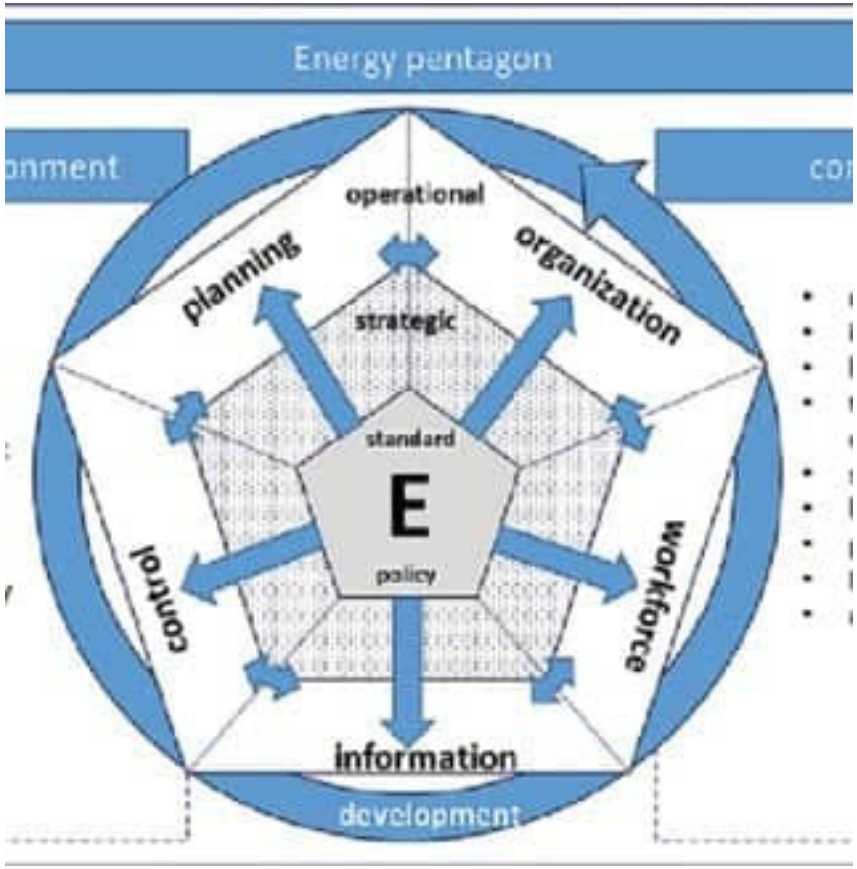
(6) High Voltage Engineering Gruop

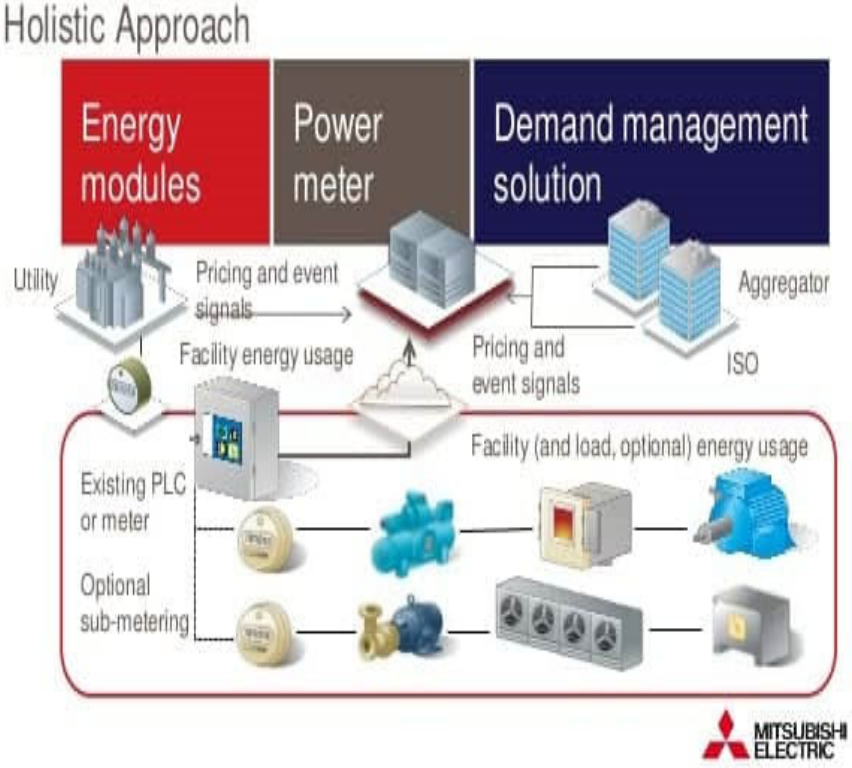
POWER SYSTEM RESEARCH GROUP

- Currently Research on Power System Solutions for Power Quality Control of Regional and National Network

ENERGY MANAGEMENT AND POWER SYSTEM RELIABILITY GROUP

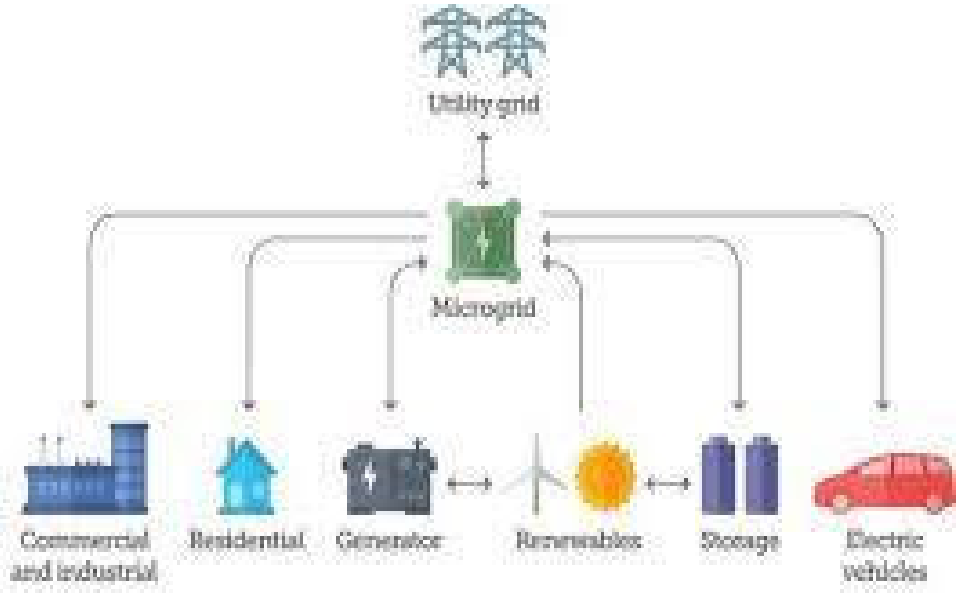
Currently, research on Energy Policy, Planning and Management and Yangon Region Electricity Reliability





RENEWABLE ENERGY GROUP

Current Research: Renewable Energy Management by using Homer Pro Software

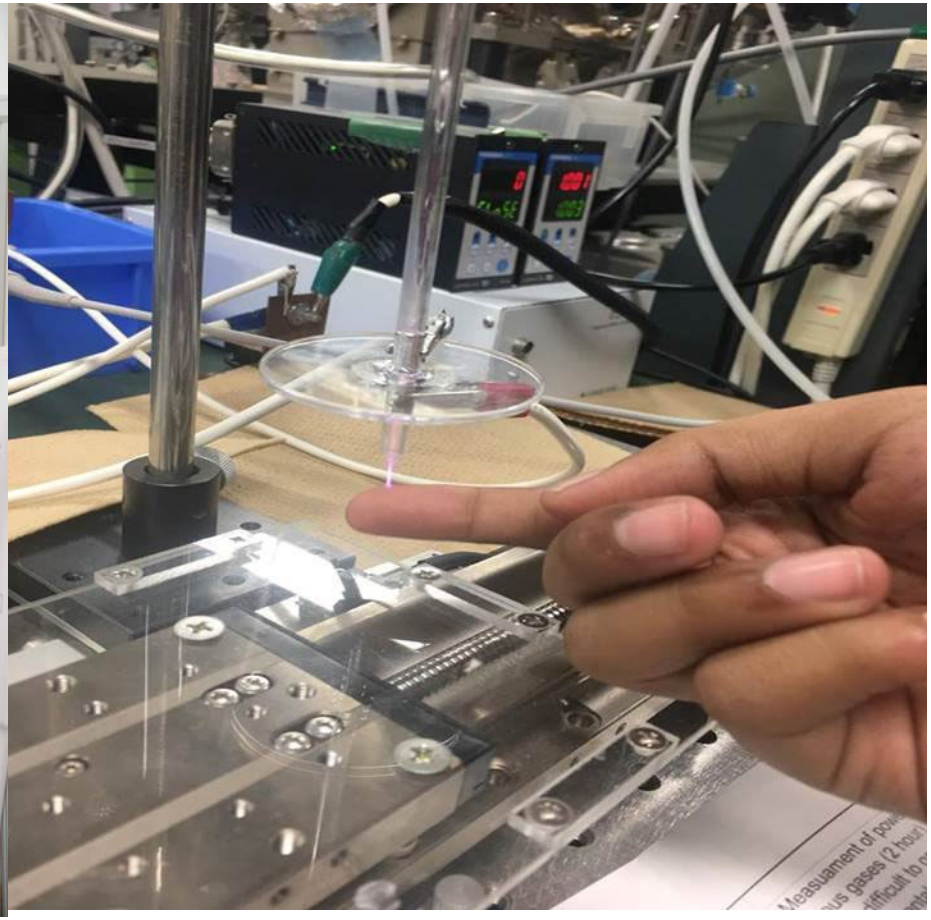


POWER ELECTRONICS AND CONTROL GROUP

Current Research: AC/DC Hybrid Micro-Grid System

PLASMA SCIENCE LAB

Current Research: Development of DBD Plasma Source for Ozone Generation(Enclosed Type)



HIGH VOLTAGE ENGINEERING GROUP

It is under renovation but we are starting to test High Voltage Phenomena

DEVELOPMENT OF ENERGY EDUCATION AND RESEARCH

(1) Collaboration with Europe and Asian Universities

(2) Curriculum Development

(3) Research Development

DEVELOPMENT OF ENERGY EDUCATION AND RESEARCH

Collaboration with Europe and Asian Universities

(1) DEEM Project (Collaboration with Germany, Finland, Neteherland, Cambodia and Laos)

Key Functions: Energy Education Development, Capacity Buildings and Exchange Programs

(2) JICA EEHE Project: Staff Training and Research Project Fund Yearly

Key Functions: Staff Training and Research Project Fund Yearly

DEVELOPMENT OF ENERGY EDUCATION AND RESEARCH

Curriculum Development

(1) Undergraduate Curriculum

(2) Post Graduate Curriculum(Diploma and Master)

DEVELOPMENT OF ENERGY EDUCATION AND RESEARCH

Research Development

(1) Micro Grid System with Solar, Wind, Diesel Generation Systems

(2) Energy Management by using Demand Side Management

Remarks: Most of Research are by using software simulations methods approach

Thanks for your kind Attention