



Driving NU to be University 4.0

Drive Mechanism

- Collaboration
- Philosophy of
- ▶ Sufficiency Economy
- Righteousness



Why?



Technology Disruption

- **Drone Age**
- **Digital technology**
- ▶ • **Artificial Intelligence (AI)**
- **Internet of things (IoT)**

Drive Factors

- 12th National Social-Economic Development Plan
- 20 Year National Development Strategy
- ▶ • Thailand 4.0 Policy
- 10 Industry National Targets
- Naresuan Focusing Targets



10 Industry Targets

* Automotive, Smart Electronics, Affluent Medical and Wellness Tourism, Agriculture and Biotechnology, Food for Future

* Robotics, Aviation and Logistics, Biofuels and Bio-chemicals, Digital, Medical Hub

Naresuan Focusing Targets

- Food, Health, and Herbs
- Logistics and Supply Chain
- Eco-Historical Tourism
- Energy and Smart Grid Technology



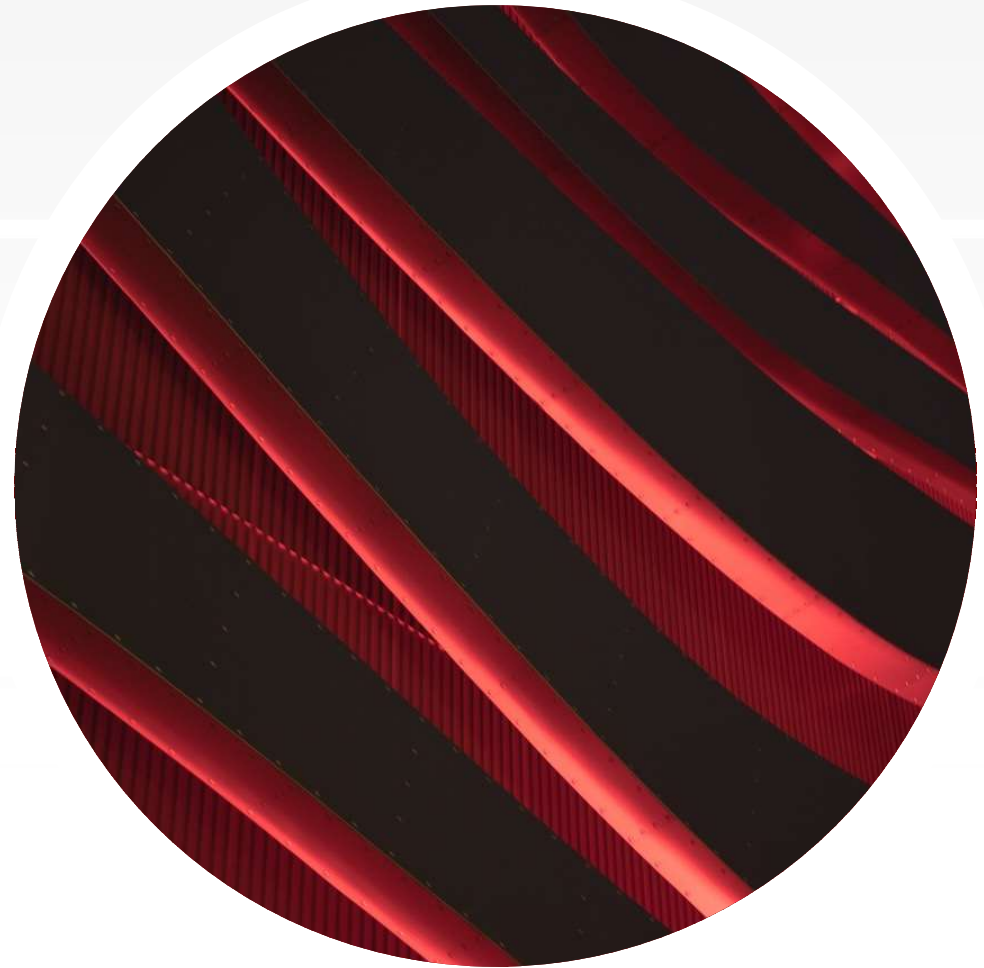
How to drive

- **Disruptive mind-sets**
- **Disruptive university missions**
- **Disruptive Management techniques**



Disruptive mind-sets

- **Qualified graduates mentoring and coaching**
- **Contribution to society**
- **Social Benefits as priority**
- **Utility as target**
- **Modelling as performance**



Disruptive Missions

Teaching

- All ages learners
- Learner- centred with P3BL
- Multi-discipline team teaching
- Outcome-based as target
- Multi-degree programs
- Curricula reform for job abilities
- Substituted Blended mentoring and coaching to lecturing





Research

- **Innovation and Utilization**
- **Publications contributed to other missions**
- **Social problem solution**
- **Area-based procedure**
- **Answer drive factors**
- **Project and sub-projects**



Academic Service

- **PPPP Concept**
- **Area-based research application**
 - **NU mobile Unit as Mobility**
 - **NU Outlet as research product presentation**
 - **Participating and offering Training, Seminar, Symposium, Conference programs**

Art and Culture Fostering



- * Teacher qualification modelling
- 👤 * Green and Clean University collaboration
- * Academic Ranking contributor
- * Teamwork and Multi-discipline committee forming
- * National and local wisdom preservation

Administration and Management

Money:

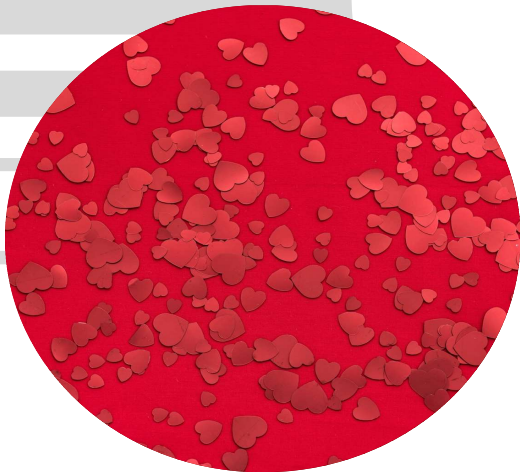
- * Budget proposal for 5 missions operating
- Budget system comprehension
- Follow financial rules and regulations

Work:

- IDP as self identification
- New and updating teaching materials
- Smart classroom management
- Research-based mission performance

Man:

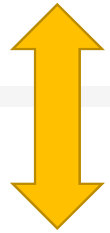
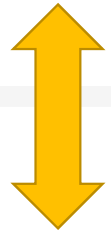
- Teamwork as management target
- Official and Ad hoc committee as preferable
- Internet and External networking



Physical development

Emotional development

The Buddha's Teacher characteristics



4 Developments



Moral development

Intellectual development

The Buddha's Style of Teaching

**Elucidation and
Verification**

Encouragement

Gladdening

**Inspiration towards
the goals**



**Thank
You**

