



# QMIPA

*Quantitative Modelling and  
Industrial Policy Analysis*

Systems and Industrial Engineering Department  
**Institut Teknologi Sepuluh Nopember**



**In God we  
trust, all  
others bring  
data.**

-William E. Deming



# QMIPA *History*

LAB KOM



Laboratorium  
Komputasi

LAB OSI



Laboratorium  
Optimasi Sistem  
Industri

LAB SSI



Laboratorium  
Simulasi Sistem  
Industri

LAB KOI



Laboratorium  
Komputasi  
Optimasi Industri

QMIPA



Quantitative  
Modelling &  
Industrial Policy  
Analysis

# Vision & Mission



## Vision

Become the South East Asian Center of Improvement and Application about Industrial Engineering in System Modelling. Optimization and Computation



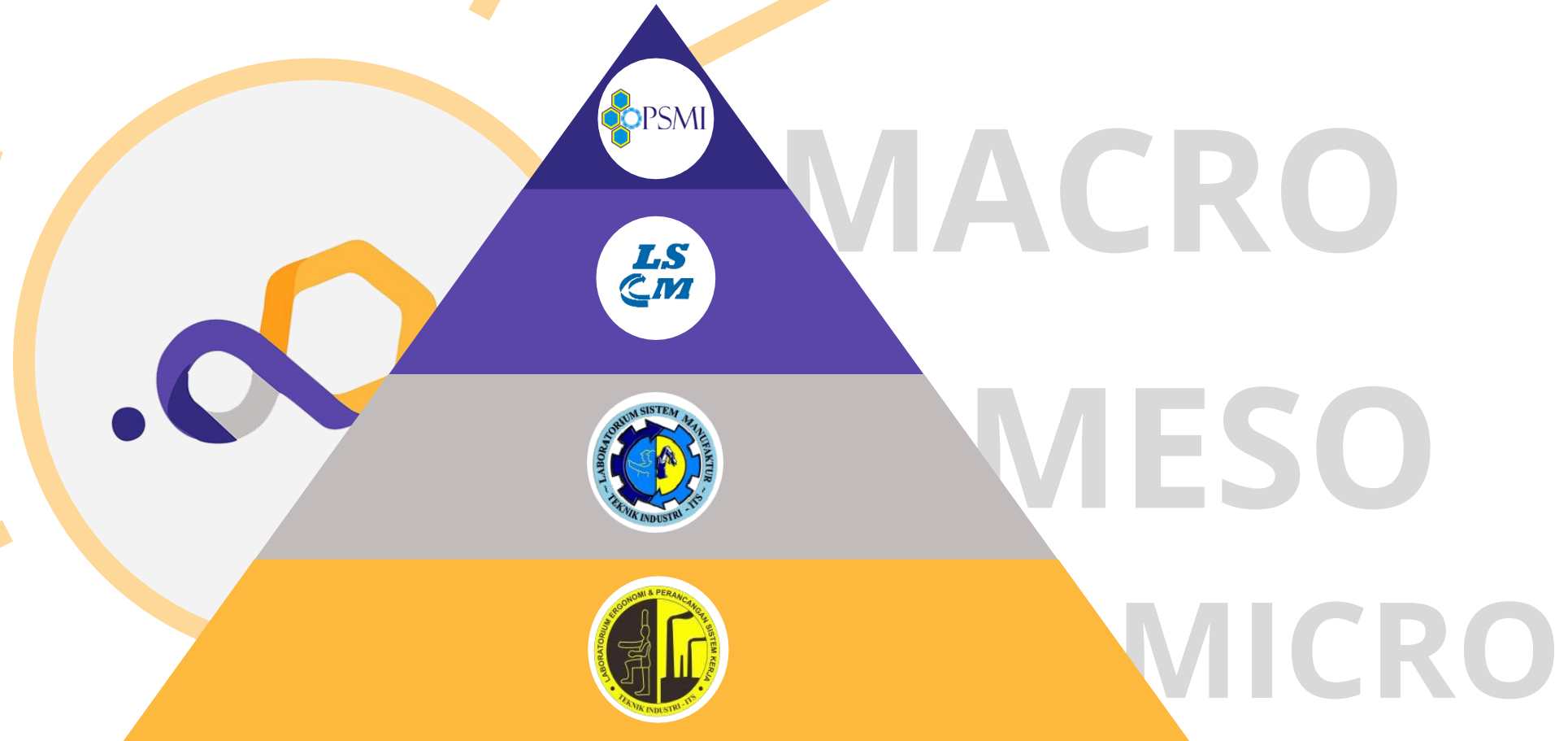
## Mission

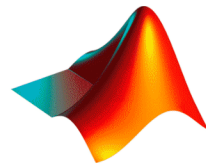
Conducting lecture activity, doing research, and doing social responsibility by working together with lecturers, practitioners, and public society to produce theory development, practical application, and superior product in the field of modelling system, optimization, and computation.

Developing a conducive laboratory environment for lecturers, students, and laboratory assistants to work on research

# POSITION

Where we stand in the Industrial and Systems Engineering roles.





**MATLAB**<sup>®</sup>

**Software**



python<sup>™</sup>



**Vensim**<sup>®</sup>

VENTANA  
systems, inc.

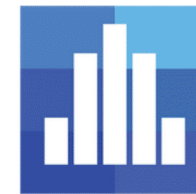


extend<sup>sim</sup>



**ORACLE**<sup>®</sup>

CRYSTAL BALL



@RISK



**SQL**

**SPSS**<sup>®</sup>



Microsoft<sup>®</sup>

**Visual Basic**<sup>®</sup>

for Applications



...and many more!



**Quantitative Modelling and Industrial Policy Analysis Laboratory**



# Industry Collaboration



**PETROKIMIA  
GRESIK**

Memupuk Kesuburan, Menebar Kemakmuran

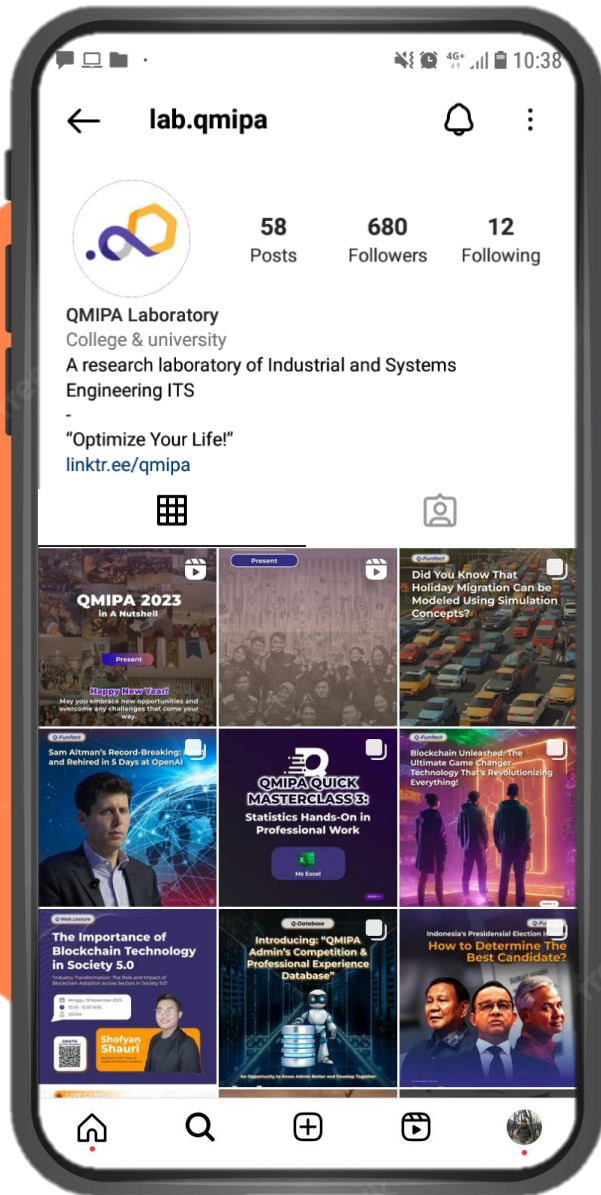


*barata indonesia.*

...and many more!







# THANK YOU



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