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# **Ensuring The Quality of Teacher Education: What Regulation Matter?**

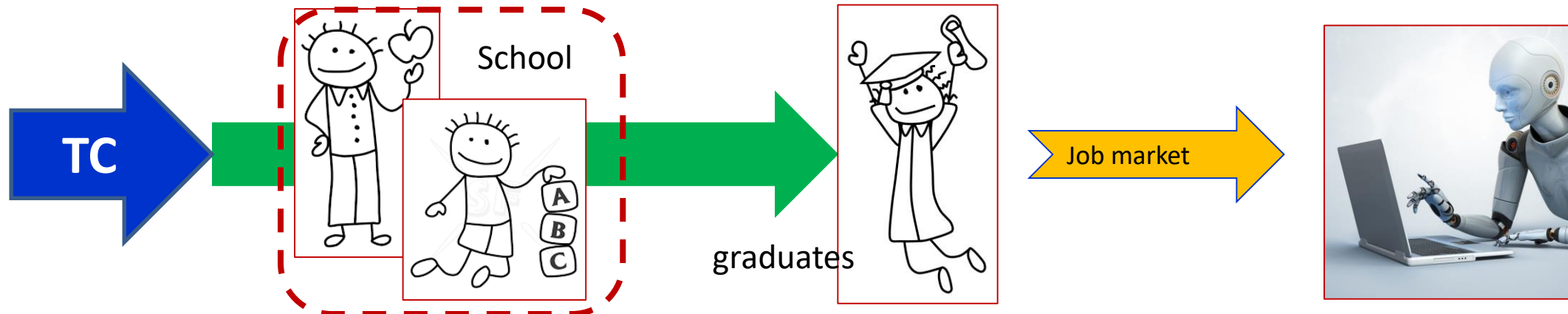
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Kementerian Riset, Teknologi, dan Pendidikan Tinggi  
2017

# Challenges



- **Demographic** (traditional, baby boomer, gen x, gen y, gen z)
- **Technology Disruption** (exponential era, G4-G5, IOT, big data, 3D printer for human, Uber-Gojek, elimination of jobs, dll.)
- The winner takes all → winning or losing?
  - Competitiveness
  - Google vs Yahoo
  - E-commerce
    - SMEs will be gone (unless congregate)
    - Pasar tradisional akan hilang
- Workforce → indutry 4.0, robotic
- New Players emerge
  - Tesla (electric) – google car, apple car ?
  - Visa, Amex → paypal, gopay?



# Revitalizing Teacher College



**Indonesia**  
*Moving forward*

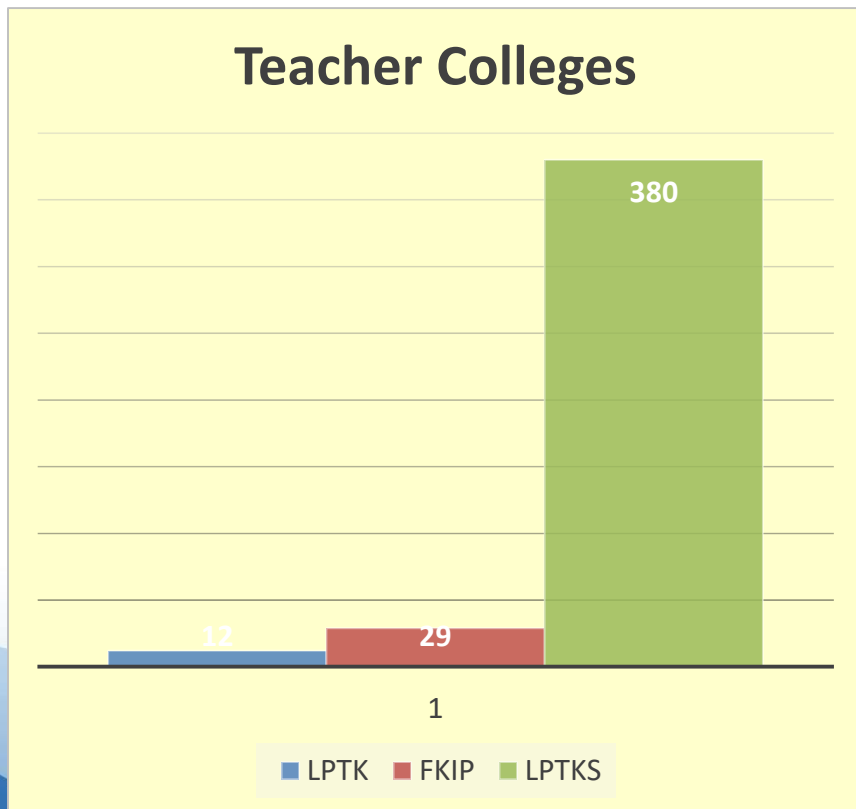


## Legal Foundation

1. UU No. 20/2003 ttg Sisdiknas.
2. UU No. 14/2005 ttg Guru dan Dosen.
3. UU No. 12/2012 ttg Pendidikan Tinggi.
4. PP No, 74/2008 yg disempurnakan dg PP No. 19/20017 ttg Guru.
5. Permendiknas No. 16/2007 ttg Standar Kualifikasi Akademik dan Kompetensi Guru.
6. Permendiknas No. 18/2007 ttg Sertifikasi bagi Guru.
7. Permendiknas No. 9/2010 ttg Program PPG dalam Jabatan.
8. Permendiknas No. 126/2010 ttg Penetapan LPTK Penyelenggara PPG bagi Guru dalam Jabatan.
9. Permendikbud No. 5/2012 ttg Sertifikasi Guru dalam Jabatan.
10. Permendikbud No. 87/2013 ttg Program Pendidikan Profesi Guru Prajabatan.
11. Permendikbud Nomor ..... ttg Standar Kompetensi Guru (SKG).
12. Permenristekdikti Nomor 55/2017 ttg Standar Pendidikan Guru (SPG).

# Teacher Colleges

- 421 TCs → Univ = 12, Faculty = 29, Private = 380

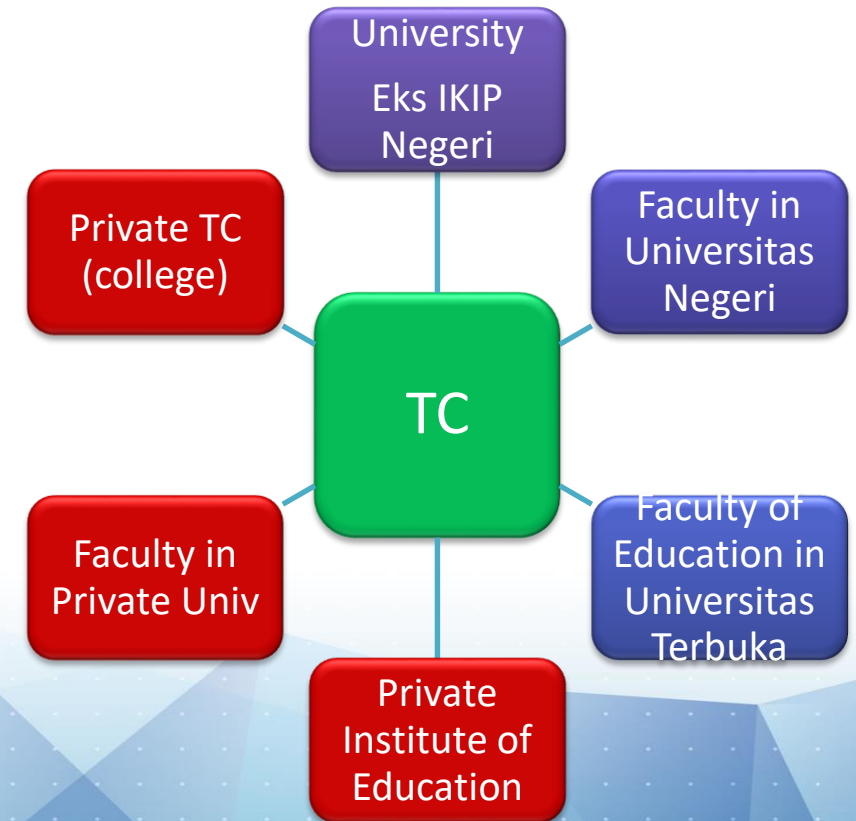


## Institution

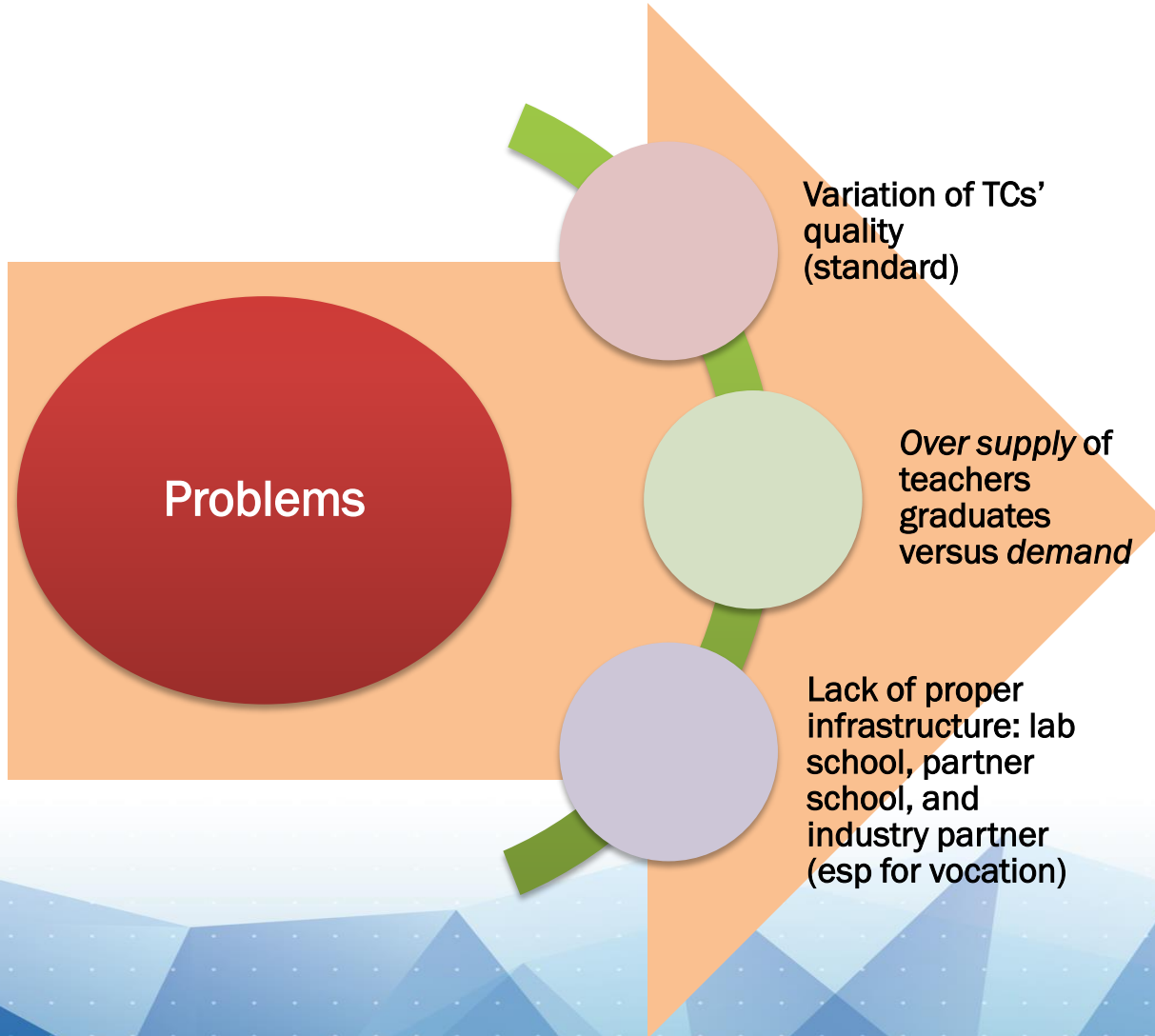
Accredited  
A/Excellent = 18  
Accredited B/Very  
Good = 81

## Study Program

Accredited A = 209  
Accredited B = 811



# Analysis of TCs situation



To map the current TCs productivity versus demand of teachers, sustainability analysis, recruitment of students to be teachers, curriculum and instruction, and quality assurance

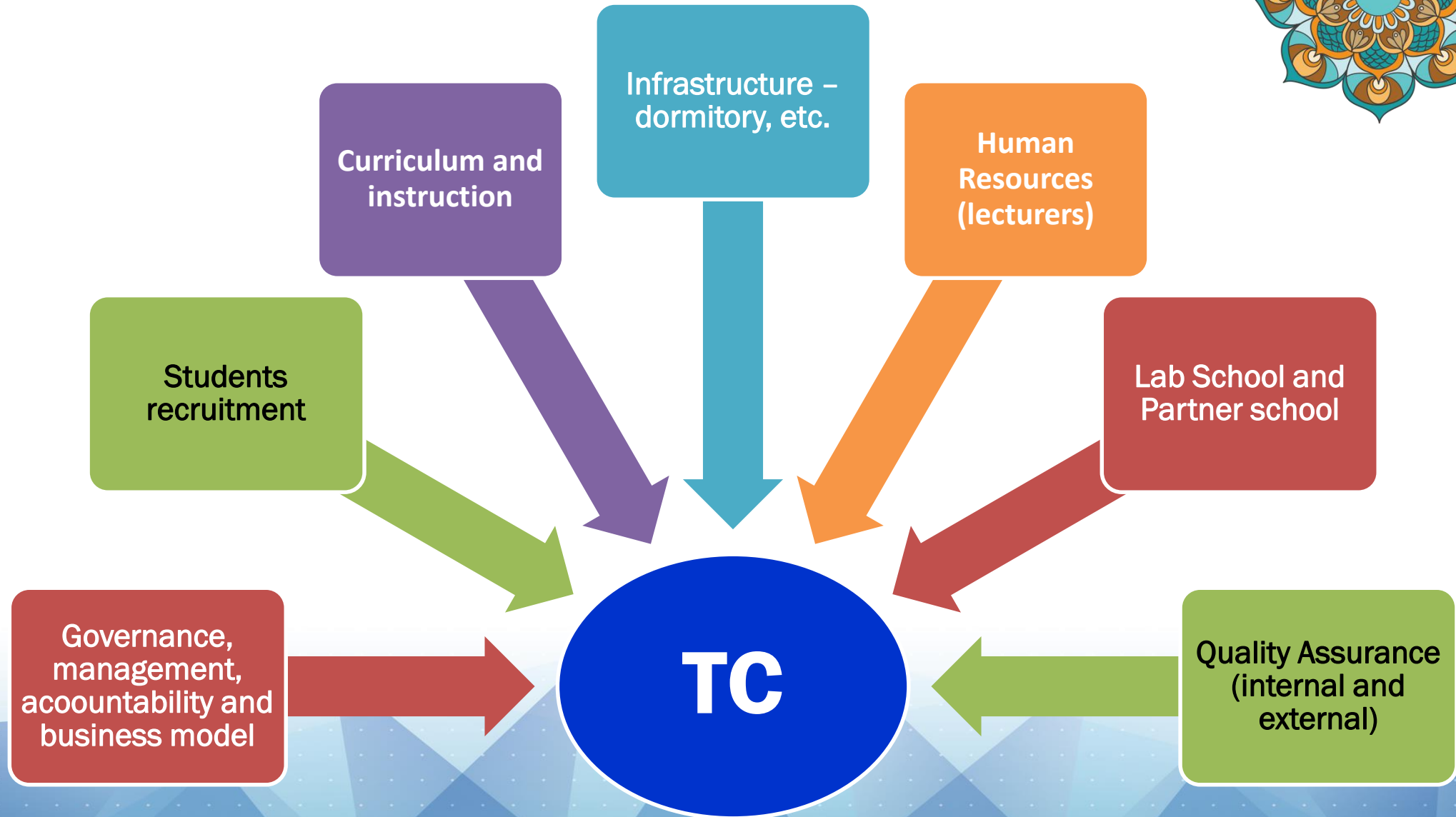
Growth control strategy of TCs based on the quality standard and regulations

Strengthening the focus of education and teaching science, the procedures for managing TCs including partnership, and ensuring content & pedagogy mastery of teachers.

regulation

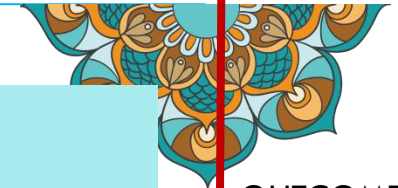


# Main components of TC





# Revitalizing Teacher College



Achieve higher world ranking (PISA, TIMSS)

OUTCOME

- Increase average score of teacher competency test
- Increase number of teachers passed the teacher competency test.

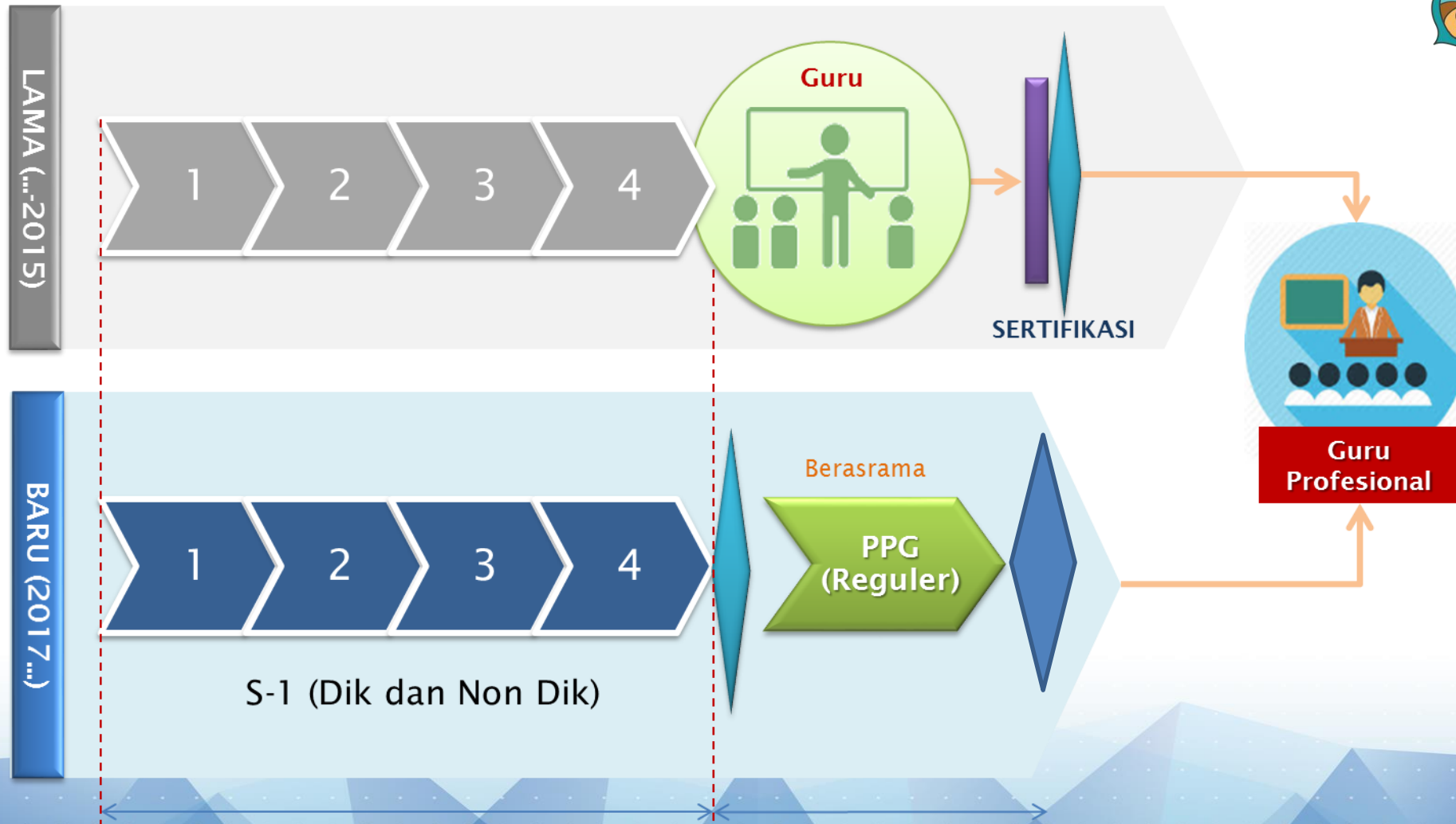
OUTPUT

Recruitment system for teacher-students	Lecturers of teachers education must obtain competency certificate	Development of Teachers Professional Education System
Improve quality of microteaching/peer teaching in Teachers Professional Education	Development of Boarding School System for Teacher Education	Development of Management System pf Teachers Professional Education
Development of Lecturers – School Relationship Program	Improve Quality Learning and Evaluation	Development of Regular (pre-service) Teachers Professional Education Program.

PROGRAMS



# Teacher Education Model



# Teacher's problem

## Problem

- Distributed unevenly
- **Mismatched of qualification and assignment**
- Lack of teachers in special areas (3T)
- Almost 30% are still below required qualification (S1)
- Low professionalism
- TCs needs improvement
- **Being a Teacher is not the first call – more economics and other justification**

## Revised Curriculum

### Teacher of 21<sup>st</sup> C - Teacherpreneur

- Characters & personality (virtue, critical thinking, innovative & creative)
- Professional (content mastery)
- Pedagogic skills (innovation pedagogy)
- Social skills (networking, teamwork, collaboration)

# Standard of Teacher Education in Indonesia

(Permenristekdikti 55/2017)

← Article 3 – Goals

← Article 6 – Standards

Article 17 – 30  
Professional Ed

Article 12 – facilities &  
infrastructure

Article 2 – TE program + PPG

Article 7 – LO

Article 8 – Content (4)

Article 9 – Process (learning,  
practicum, micro teaching

Article 10 – assessment

Article 5 – Academic  
& Talent

Students  
recruitment

Curriculum and  
instruction

Infrastructure –  
dormitory, etc.

Human  
Resources

Article 11 – Lecturers,  
tutors, partner teacher,  
supporting staff

Lab School and  
Partner school

Article 12 – facilities &  
infrastructure

Article 13 - governance

Article 14: cost

Article 15: Research

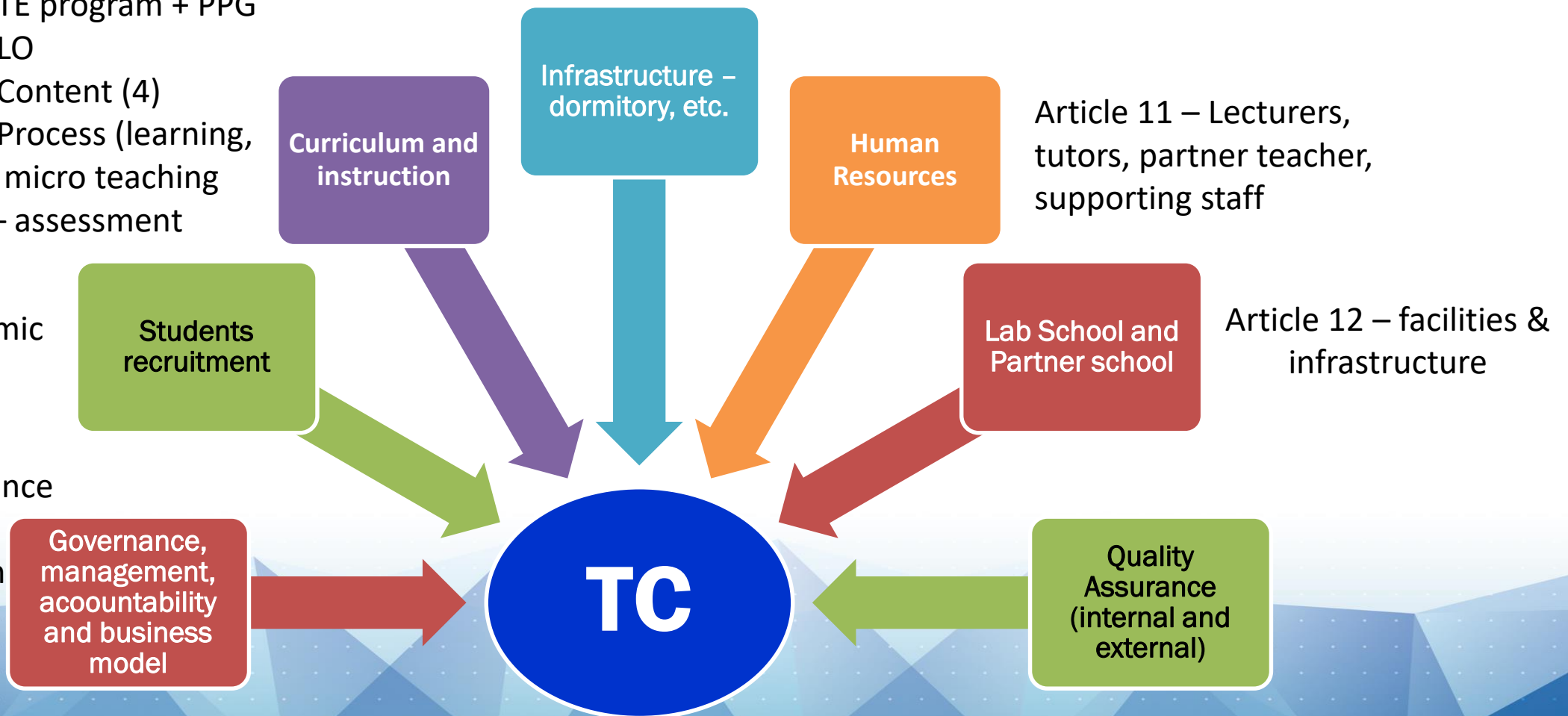
Article 16: Comm

Services

Governance,  
management,  
accountability  
and business  
model

TC

Quality  
Assurance  
(internal and  
external)



# Teacher Professional Education

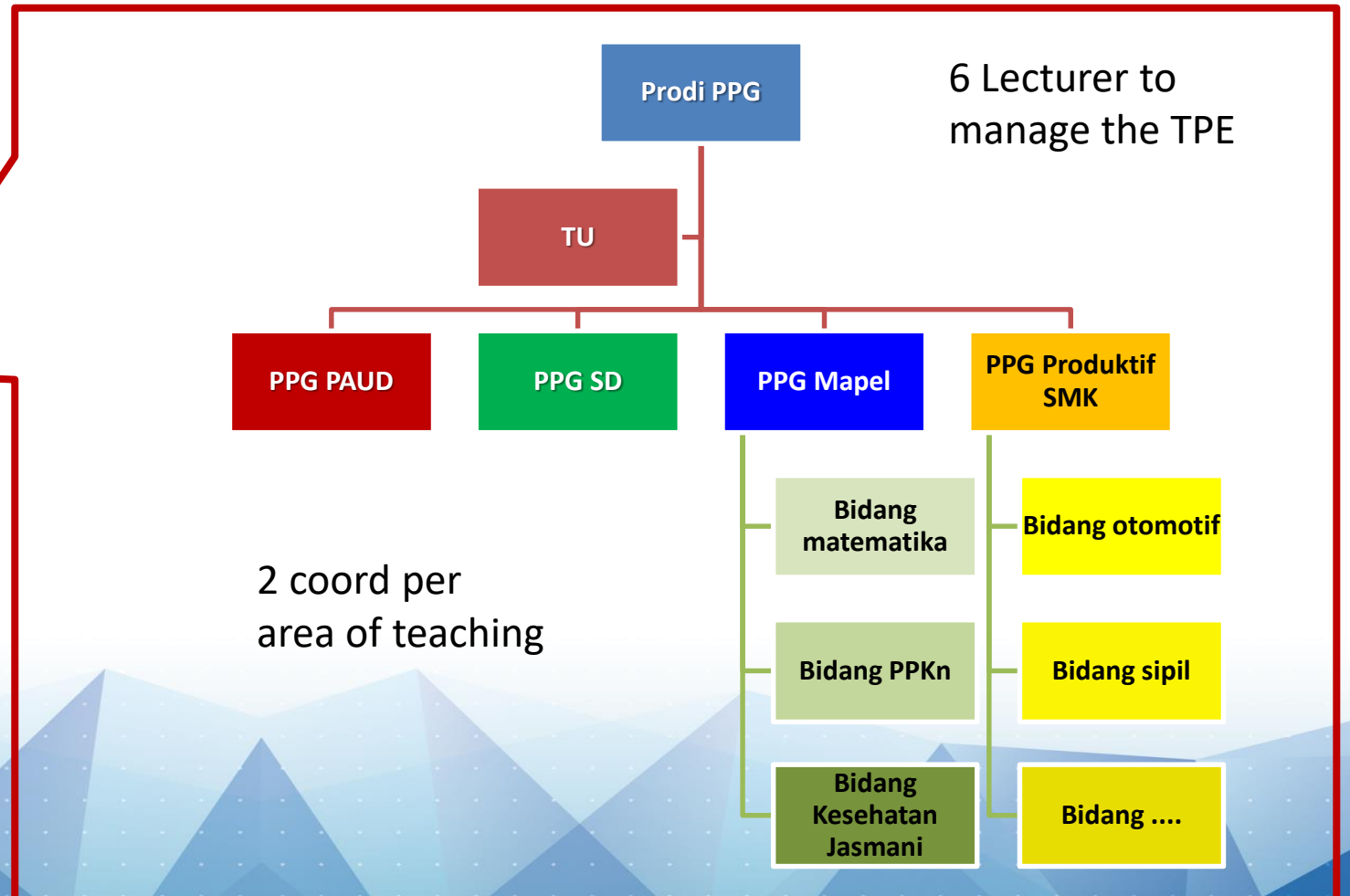
- PPG PAUD
- PPG SD
- PPG MAPEL (SMP, SMA, SMK)
- PPG Produktif SMK

TC is appointed by Minister based on competition and demands

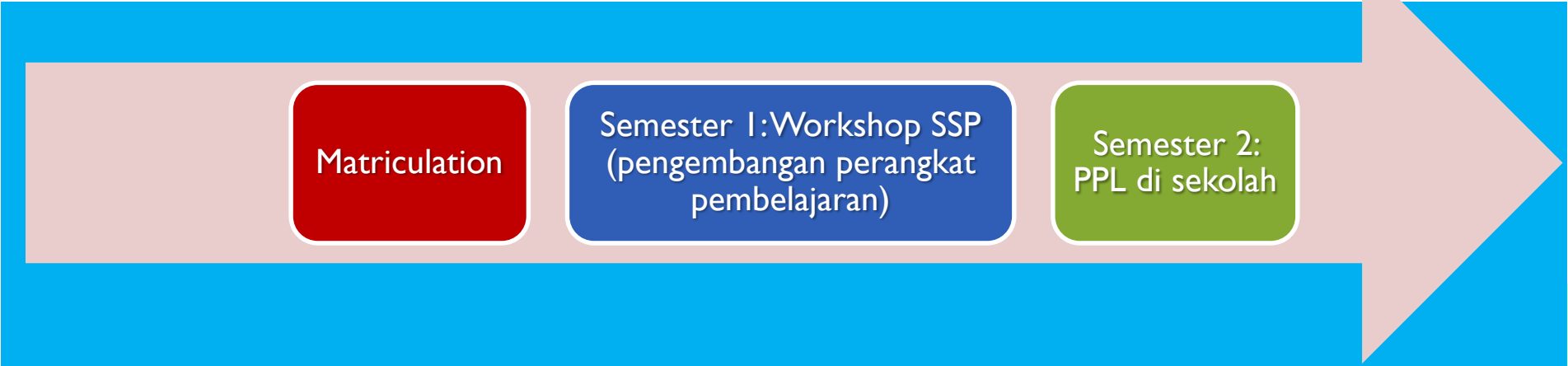


**Policy**  
One TPE for One TC

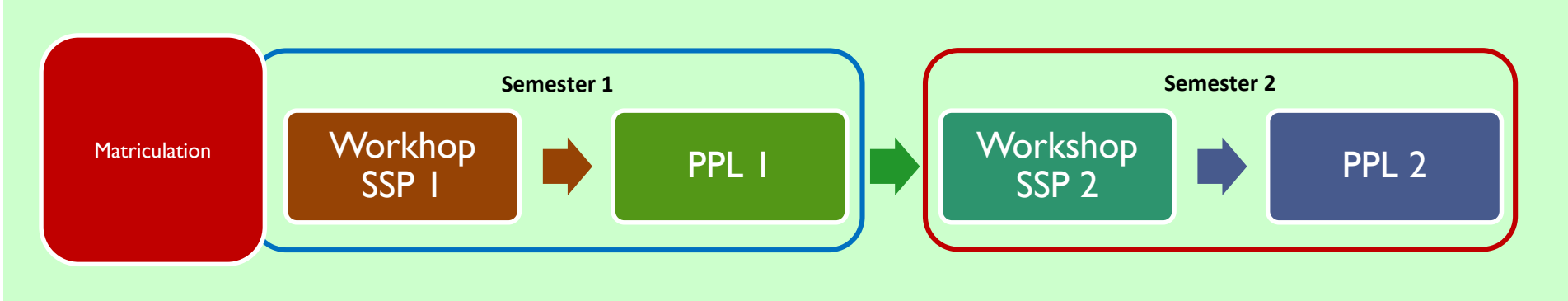
Dormitory, partner schools, lab schools



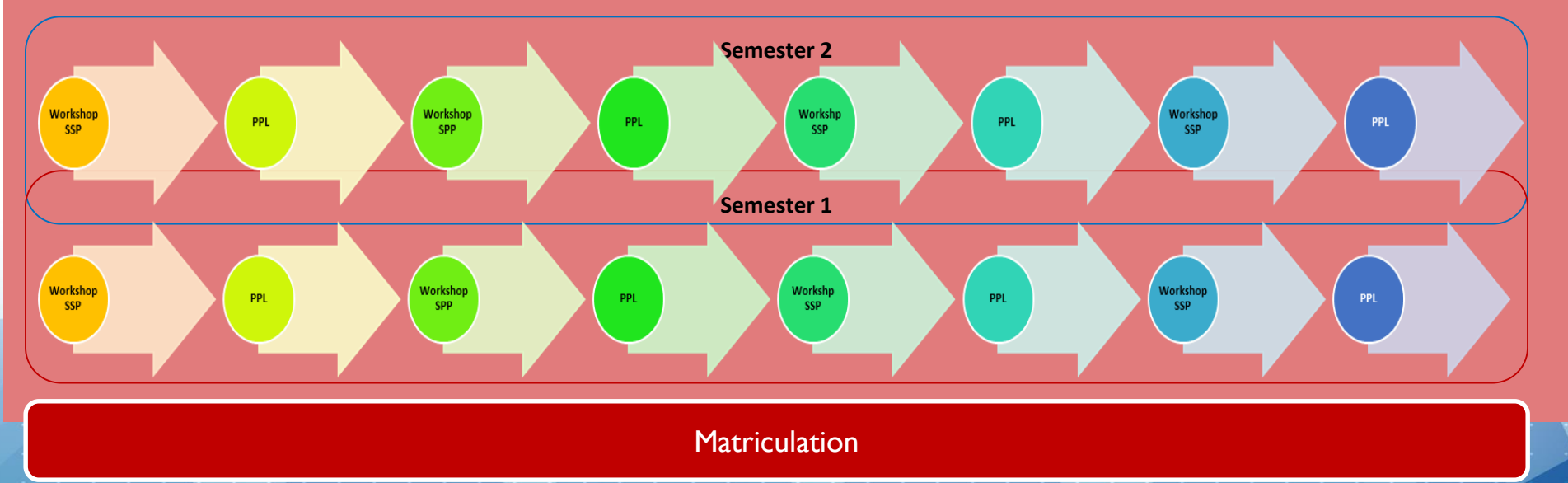
**Learning Model 1**



**Learning Model 2**



**Learning Model 3**



# Implementation of Teacher Professional Education

	Jan – Mei	Mei - Agustus	Sept – Des.
PPG Guru Produktif	Workshop	Bengkel dan Industri	PPL
PPG Guru lain	Workshop		PPL

Jenis mahasiswa	Workshop	Industry	Practice
TCGr (vocation)	X	X	X
TCGr (vocation) w/ competency cert	X	-	X
Non-TCGr Vocation ( Poltek)	X	-	X
Non-TCGr Vocation (not Poltek)	X	X	X
Non-TCGr Vocation (not Poltek) w/competency cert	X	-	X

