



A CURRICULUM DEVELOPMENT OF PROFESSIONAL TEACHER EDUCATION PROGRAM ON VOCATIONAL AND TECHNOLOGY IN INDONESIA

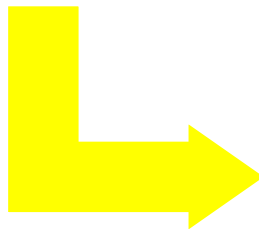
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AGENDA

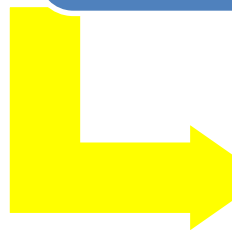
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Education System in Brief



2

**Preservice Teacher
Education System**



3

**Preservice Professional
Teacher Education Program on
Vocation & Technology**

INDONESIA IN THE WORLD MAP



TEACHER EDUCATION IN INDONESIA





EDUCATION INDONESIA (2019) :

Population: 269 million; Compulsory Education : 9 years;

Type of Curriculum : Competency Based Curriculum (since 2004).

Primary school : 150.400 schools, 25,5 milion students; 1,4 million teachers

Junior Secondary school: 37.100 school, 10,1 million student ; 628.000 teachers

Senior Secondary school: 13.200 school, 4,7 millions students; 307. 000 teachers

Vocational school : 13.600 schools; 4,9 millions student; 292.212 teachers

High Institution/Univ: 99 public, 3,100 private ; with 2,3 students

EDUCATION FACTS

- ☐ The Indonesian education system is the fourth largest in the world with more than 52 million students, 3,3 million teachers, 310,000 schools.
- ☐ Primary to Junior Secondary school level is compulsory.
- ☐ In 2019, the net enrollment rate for primary education is 98,82%, but the enrollment rate is decreasing for Junior Secondary school to 87,61% and Senior Secondary school to 69,57 %.
- ☐ Tertiary-education participation is even lower – 35,5 – this number is still quite high compared to other ASEAN member states.

Background

- ❑ Teachers play an important role in teaching and learning process to improve student outcomes and their effects towards their competencies (Darling-Hammond, Wei, & Johnson, 2012).
- ❑ Improving the competence of teachers has been at the heart of policies designed to raise the quality of education in Indonesia since 2009 when the major initiative to increase the minimum academic qualifications of teachers began.

Background

Some problems in implementing the Professional Teacher Education Program On Vocational And Technology, among other are :

- ❑ the curriculum is not yet optimal to integrate learning experiences between theory and practice,
- ❑ learning to teach and to practice are not yet optimum.
- ❑ practice in practice in schools and industries need more collaboration
- ❑ systemic collaboration between PPG organizing universities, partner schools (SMK), and industry and business world is not yet optimal.

Teacher Education In He Level in the Last 5 Decades



- ☐ Integrated Program
- ☐ Mostly Using Concurrent Curriculum Model Rather Than Consecutive Model
- ☐ Providing Akta 4 Program (Teaching Certificate) for Those Who Have No Background in Education

TEACHER EDUCATION INSTITUTIONS (OECD, 2015)

- ❑ Indonesia has 374 teacher education institutes, (TIEs) 32 public and 342 private. They operate largely independently, with little co-ordination between them over materials and approaches.
- ❑ The training providers determine the outcomes that they believe are most important.
- ❑ In a large number of private TIEs, there is currently less systematic monitoring or evaluation to determine the effectiveness of teacher training on teacher quality.
- ❑ Oversupply TIEs graduates.

PROFESSIONAL TEACHER EDUCATION PROGRAM

- ❑ Professional development is a medium for teachers to develop their knowledge and skills in teaching
- ❑ Professionals need to learn from experience, to update their competence, and ensure that their knowledge, skills, and understanding are also up to date.
- ❑ Pedagogical transformation of the teacher can be facilitated through on going teacher professional development which enables them to reflect on their own practice and improve their professional practice through interaction with other practitioners

THE LAW ON TEACHERS AND LECTURERS (LAW NO. 14/ 2005)

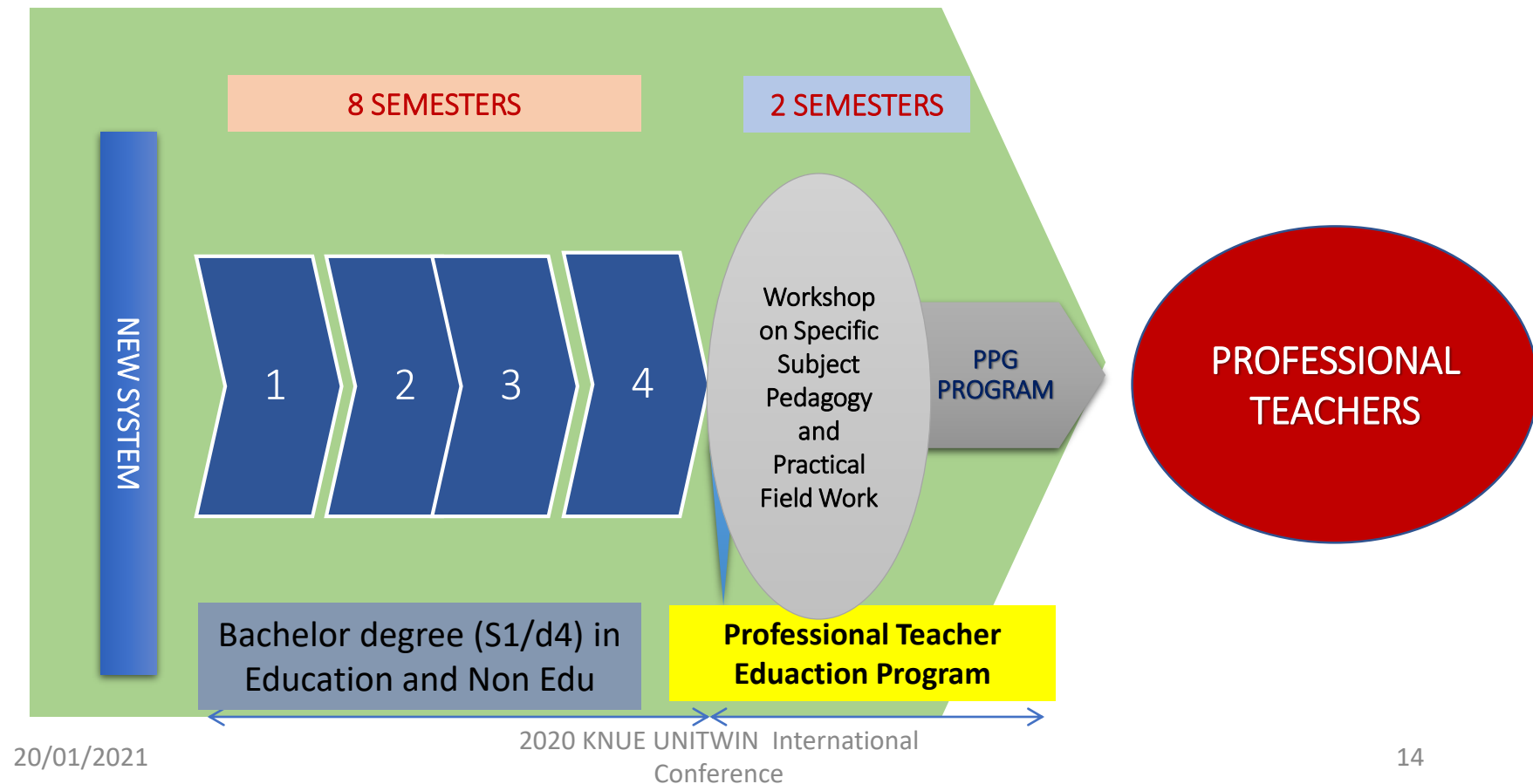


- ❑ It requires all teachers first to hold an academic bachelor's degree, and second to successfully complete a certification process.
- ❑ The law also set minimum competency standards and introduced two new sets of professional allowances, giving teachers incentives to complete certification and to work in remote areas.

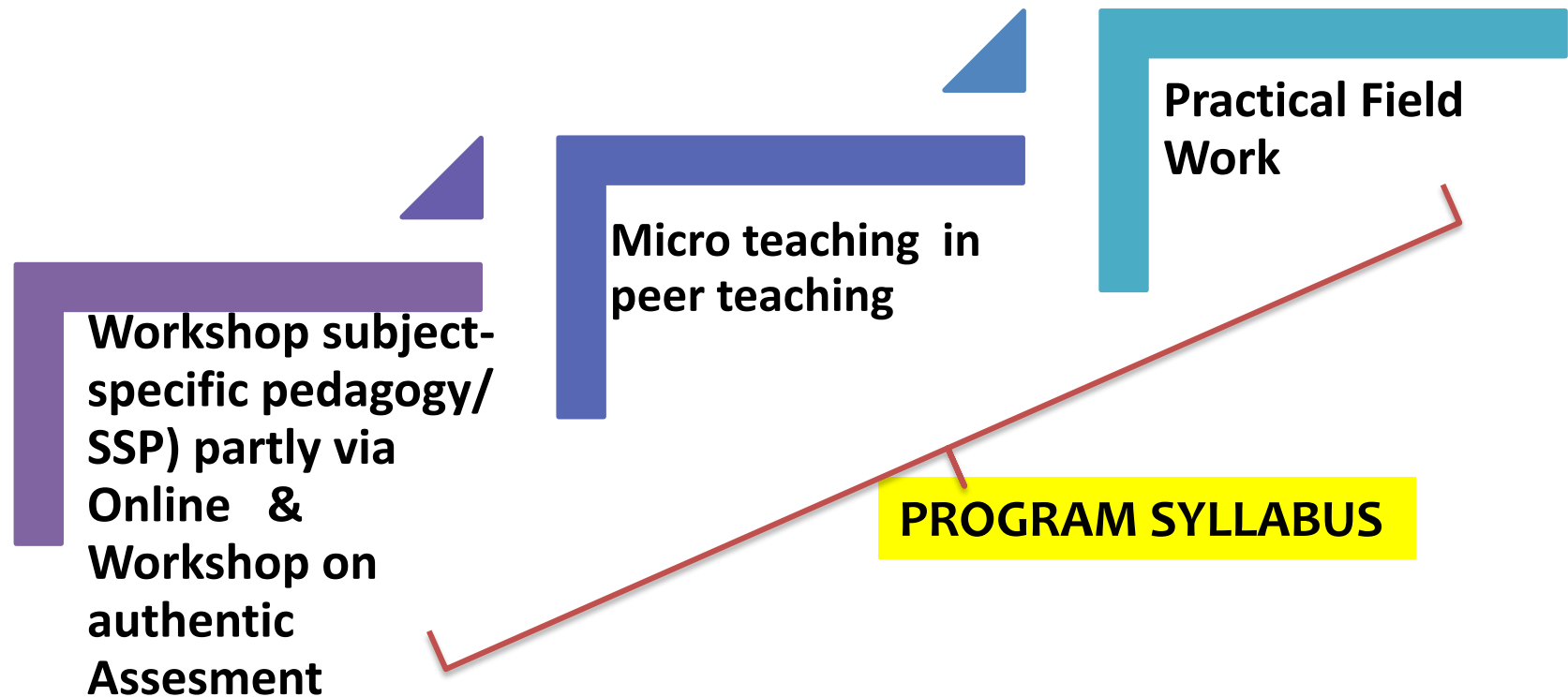
PROFESSIONAL TEACHER PROGRAM (PPG)

- ❑ PPG program is implemented and run by selected Teacher education Institutions (TEIs) which is managed directly by the Minister of Research, Technology and Higher education.
- ❑ Currently, there are 62 state and private Teacher education Institutions (TEIs) spread throughout the nation assigned to establish PPG program for pre-service teacher

Pre service Professional Teacher Education Program



CURRICULUM STRUCTURE ON TPE PROGRAM

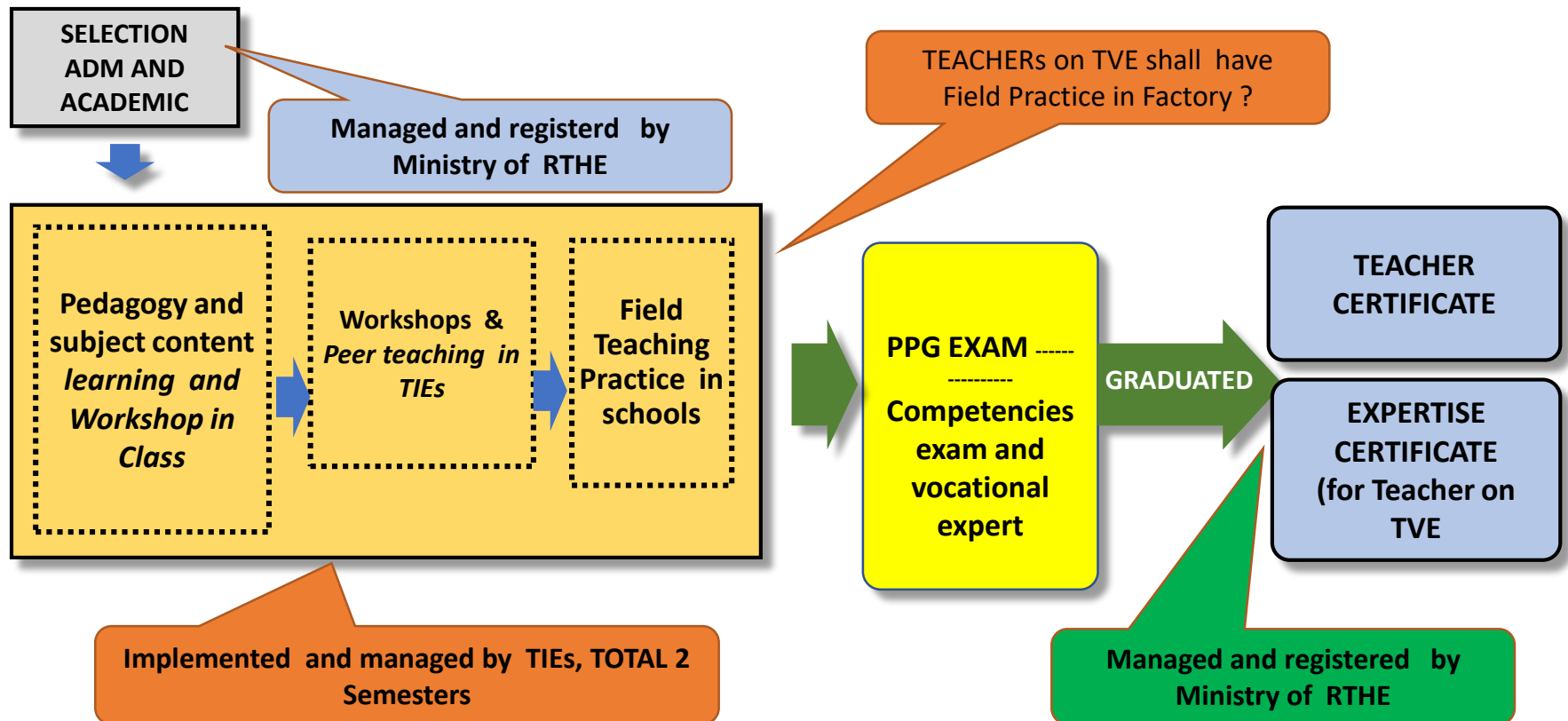




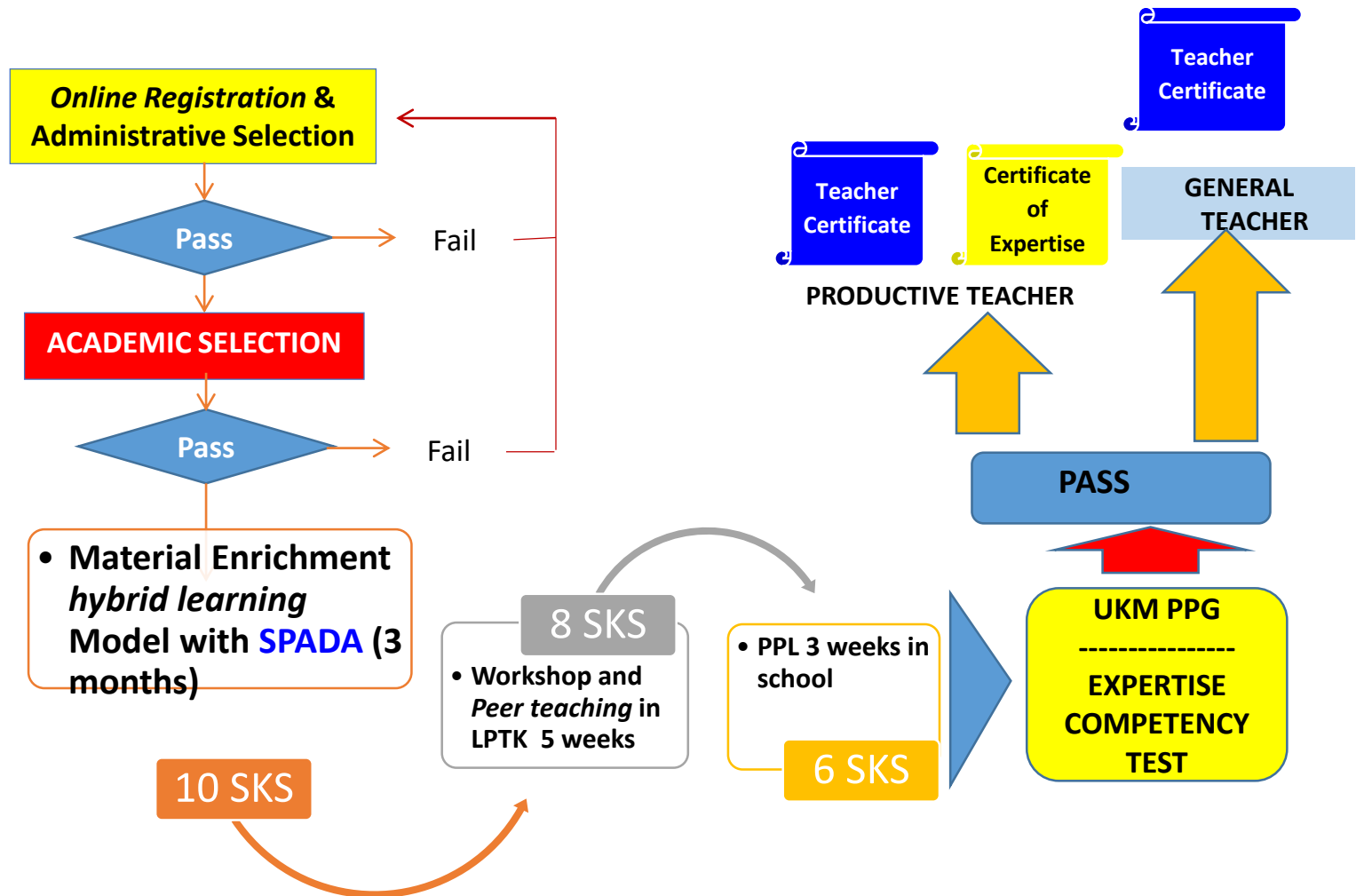
Practical works in school laboratory



FLOW OF CHART TEACHER PROFESSIONAL EDUCATION (TPE) PROGRAM



VHS TEACHER CERTIFICATION



THE LAW ON TEACHERS & LECTURERS (LAW NO. 14 2005)

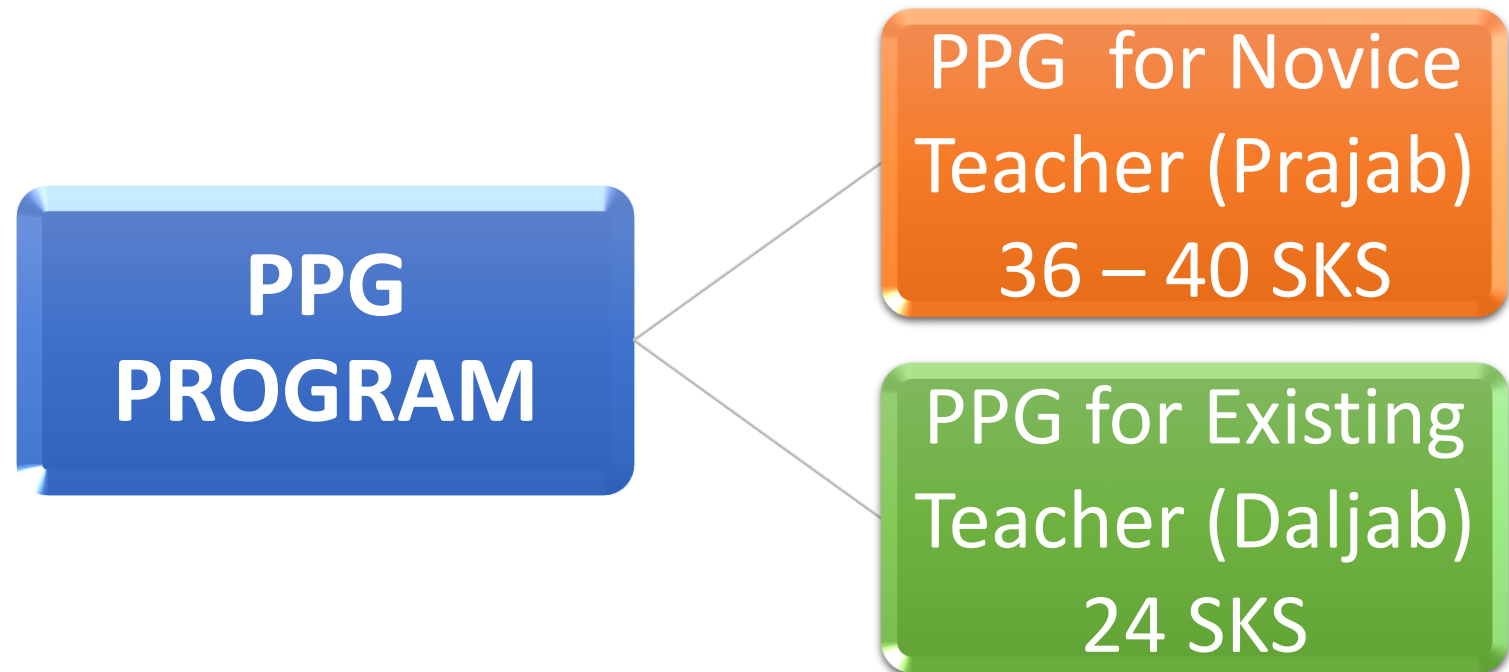
- ☐ The core principle that teaching is a “profession”.
- ☐ The requirement that all teachers must meet a minimum standard of a four year degree before being certified and that all teachers should be formally certified after the four-year degree has being gained.
- ☐ The reform of pre-service teacher education institutions.

TEACHER PROFESSIONAL EDUCATION PROGRAM (Permenristekdikti No 55/2017)



Professional Teacher Education Program (PPG) is educational program after academic graduate program (S1) or applied graduate (D-4) to hold teacher certificate for teaching in Kindergarten formal education, primary education and secondary education.

TEACHER PROFESSIONAL EDUCATION PROGRAM (Permenristekdikti No 55/2017)



PPG CURRICULUM

1. Pedagogic Deepening and Study Material.
2. Development workshop learning device, the application of the Techno-Pedagogical Content Knowledge principle (TPACK)
Develop 21st Century Skills learning (21st Century Skills - critical thinking and doing, communication, collaboration, creativity, ICT literacy, cross-cultural understanding and character strengthening)
3. For prospective vocational teachers: field studies in the Business World/Industrial World
4. Field Experience Practices

Online and Offline Preservice Teacher Training

ON LINE ONLINE SELF LEARNING

DOC 1:
PEDAGOGICAL
COMPETENCIES

DOC 2:
PENDALAMAN
BIDANG STUDI

S
O
L
I
T
E
M

OFF LINE (DIRECT)

LOKAKARYA
PENGEMBANGAN PERANGKAT
PEMBELAJARAN

PRAKTEK
PENGALAMAN LAPANGAN

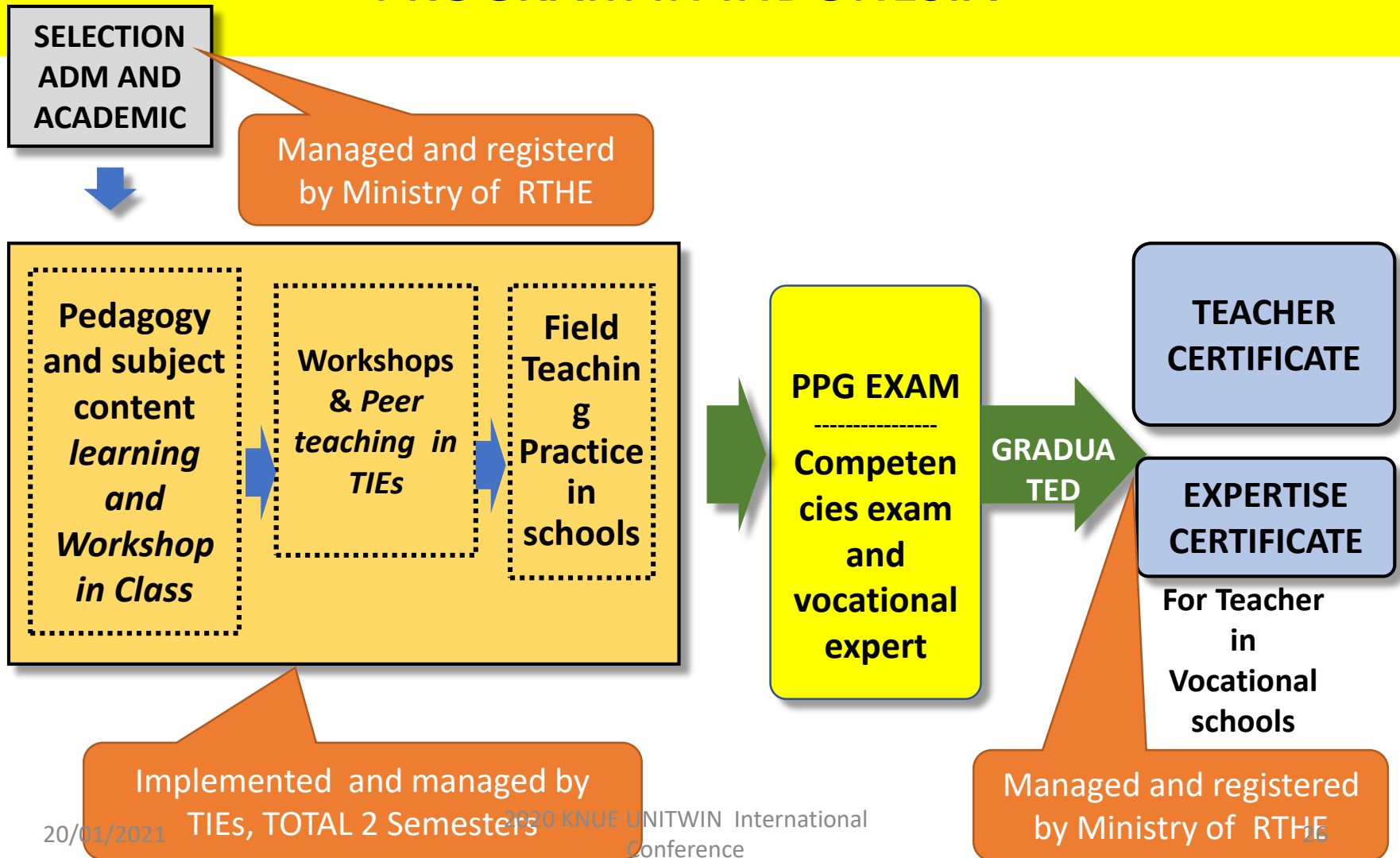
PENYUSUNAN PROPOSAL
PENELITIAN
TINDAKAN KELAS (PTK)



Practical works in school laboratory



FLOW OF CHART TEACHER PROFESSIONAL EDUCATION PROGRAM IN INDONESIA



TRANSFORMING 21ST CENTURY TEACHER



A teacher is a
compass that
activates the magnets
of curiosity,
knowledge, and
wisdom in the pupils.

Ever Garrison



THANK YOU
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