

NIE-ERAS Webinar

Teacher Education: The Past, The Present and Envisioning the Future

17 Mar 2021 (2–4 pm)

Preparing Teachers for the Changing Future

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INSPIRING LEARNING
TRANSFORMING TEACHING
ADVANCING RESEARCH

NTU, NIE to groom teaching scholars

New degree programme
for 34 aspiring teachers

For the article, visit:

<https://nie.edu.sg/about-us/news-events/news/news-detail/ntu-nie-to-groom-teaching-scholars>

TEACHING SCHOLARS PROGRAMME

National Institute of Education aims to develop future teacher leaders with **broad perspective of education** and who are **well-grounded in content and pedagogy**.

One-year teacher training course extended to 16 months

For the article, visit:

<https://www.straitstimes.com/singapore/education/one-year-teacher-training-course-extended-to-16-months>

16-MONTHS EXTENDED PGDE PROGRAMMES

To help teachers better respond to the **changing needs in education** ... Additional four-week practice stint ... better understand their **role as teachers** and strengthen their **application of theory to practice** ... deeper **engagement with parents** ... gain a rich, **multifaceted perspective on Singapore**.



EDUCATORS NEED TO BE

SHAPERS OF CHARACTERS

FACILITATORS OF LEARNING

ARCHITECTS OF LEARNING

ENVIRONMENTS

LEADERS OF EDUCATIONAL CHANGE

TRANSFORMING **T**eacher **E**ducation

Key Pillars

- Deepening **L**earning
- Strengthening **T**eaching
- Broadening **P**edagogies
- Developing **M**indsets

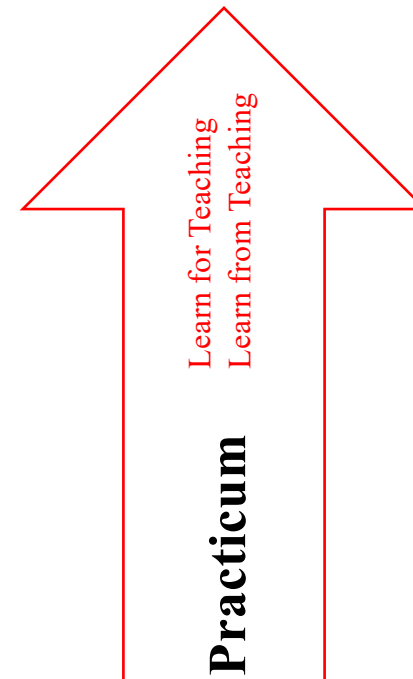
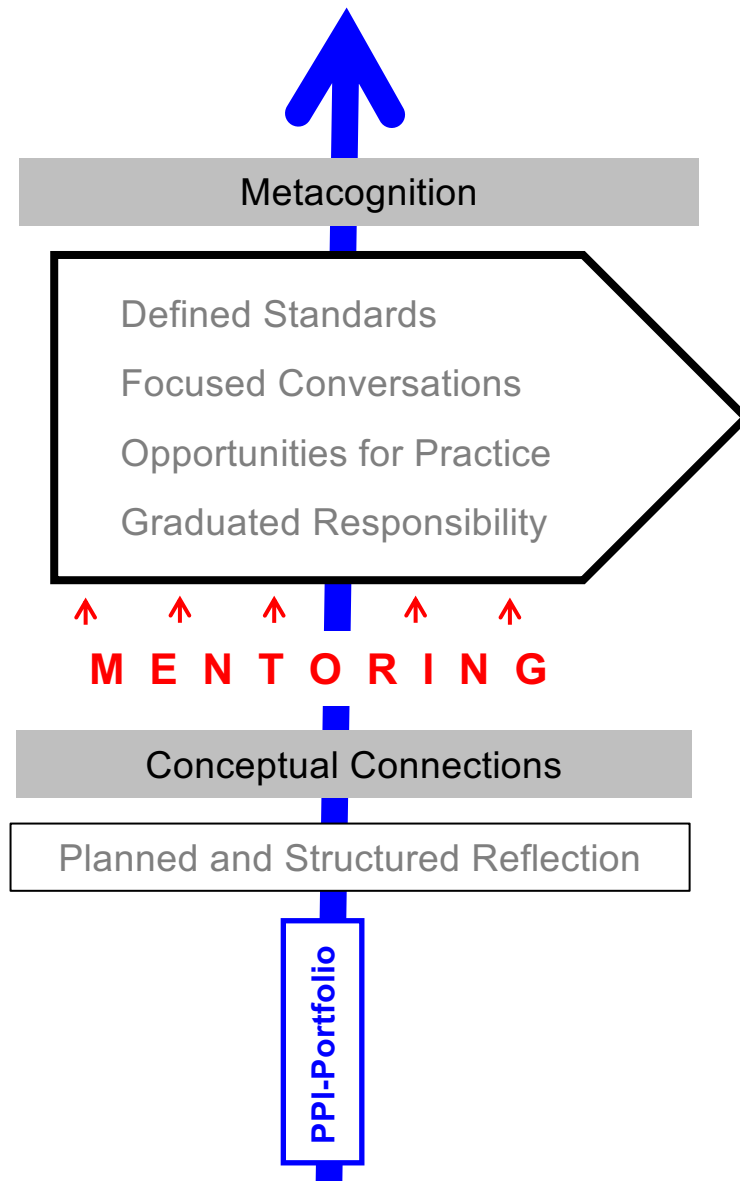


- Deep understanding of learners
- Strong content and pedagogical mastery
- Strong theory-practice nexus
- Extended clinical practice
- Inquiry and research skills
- Ownership of learning

For the Values³, Skills and Knowledge (V³SK) Model, visit

<https://repository.nie.edu.sg/bitstream/10497/15504/1/TE21%20online%20version%20-%20updated.pdf>

Autonomous Thinking Teacher



The Singapore Teaching Practice

<https://www.moe.gov.sg/about/singapore-teaching-practice>

Experiential
(E)

Multimodal
(M)

Inquiry-Based
(I)

Connectivity
(C)

**Anywhere &
Anytime**

- Ease of Access of Info
- e-course

Borderless

- 'Porous' School
- Global Student

Seamless

- Real to Virtual
- Personal to Public
- Course to Course

Co-Learning

- Communicate
- Co-Construct
- Collaborate

Personalised

- Autonomous Learner
- Student-Driven



**Let me learn differently
so that I can teach differently!**

Multimodal (M)

Video Games

Leveraging on video games for the discovery of self-directed and collaborative learning principles

Augmented Learning

Use of AR to elevate student teachers' experience of interacting with real physical objects and space

3-D Application

3D apps help in student teachers' visualization by providing a detailed and accurate graphic rendering of the content

Connectivity (C)

- **Connecting to the World**

Use of NIE mGEO App to share information on the go during field trip



- **IoT and Big Data**

Real-World Data and Interdisciplinary Learning

Nurture a culture of experimentation and innovation

- **Community as Coach**
 - Group Endeavor in Service Learning (GESL)
 - Service and Leadership Training (SALT) Programme (Vietnam)
 - Youth Expedition Programme (YEP)
- **Industry as Partner**
 - Building University Interns for Leadership Development (BUILD) Programme
- **World as Classroom**
 - Semester Exchange
 - International Teaching Assistantship



Building University Interns for Leadership Development

“Another great experience was when I worked on an article on Migrant Workers and I had the chance to interview young people involved in the “NUS-Yale Migrant Workers Awareness Week”. It was inspiring to hear their stories. I think **part of being a journalist**, apart from writing articles, would be the **exchanges with people on the ground** and the things that we can learn from them. This was where I learnt that being a journalist, I have to be able to **think on the spot** and come up with questions in response to my interviewee, which required **good thinking and analytical skills.**”

– BA (Ed) Pri student, July 2015 Intake

World as Classroom **- International Teaching Practice**

“I've been told how different the education system would be in America (or any other country for that matter), but when you've spent your whole life studying in Singapore, you tend to forget, or find it hard to imagine, that another country would approach education in a wholly different way.”

- BA Year 2 University of California, Santa Barbara



An Institute of



**NANYANG
TECHNOLOGICAL
UNIVERSITY**
SINGAPORE

Thank You

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TRANSFORMING TEACHING
ADVANCING RESEARCH