

July 18, 2014

Summary of the lecture for your future

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Our challenges in this lecture

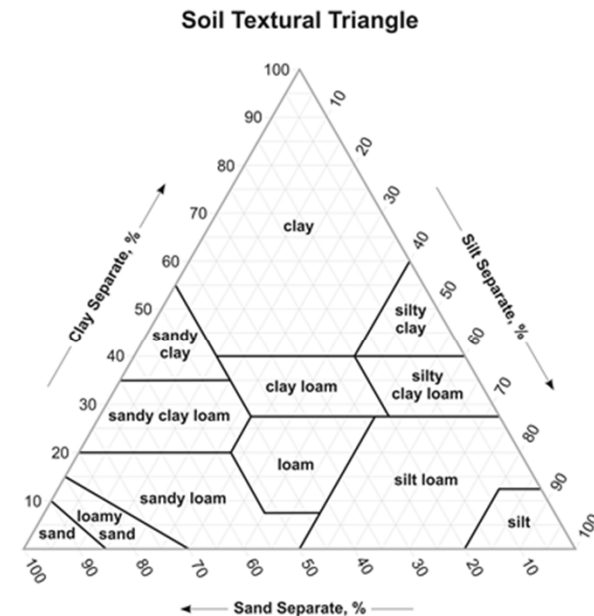
- Objectives
 - Level the knowledge of various students in department of Global Agricultural Sciences
 - Learn how to solve the actual problems
- Method
 - Give English lecture
 - Put fundamental concepts
 - Check your understanding by quiz
- Result
 - Good sleeping ??

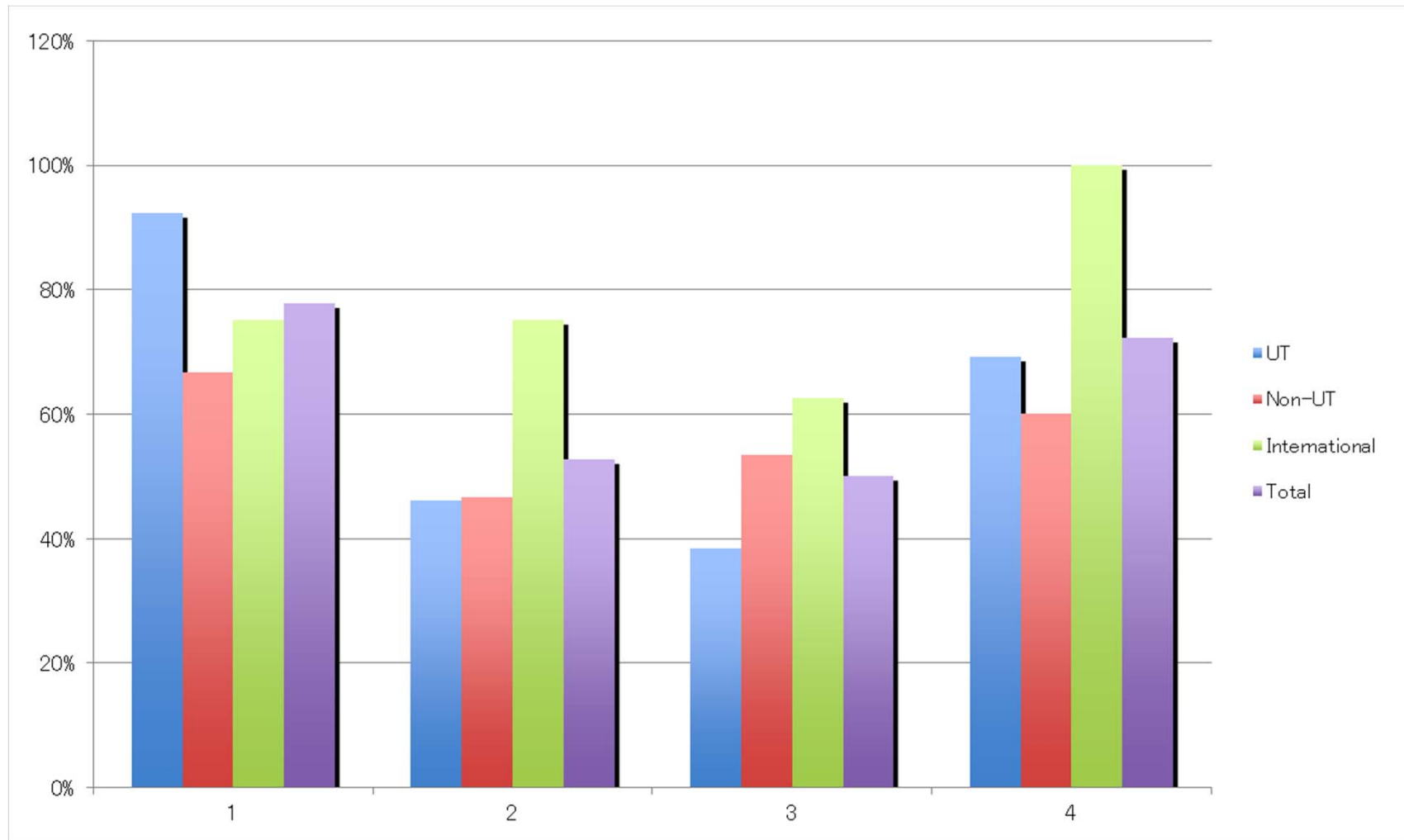
Analysis of answers for quiz-3

May 9, 2014

Undergraduate Student category (check one): graduate from UT not UT International Univ.

1. Choose a set (x, y, z) of correct answers for $1 \text{ (mm)} = x \text{ (nm)} = y \text{ (cm)} = z \text{ (}\mu\text{m)}$
 - a. $(10^6, 10^{-1}, 10^3)$
 - b. $(10^6, 10^{-3}, 10^2)$
 - c. $(10^3, 10^{-1}, 10^{-3})$
 - d. $(10^2, 10^{-2}, 10^3)$
 - e. $(10^3, 10^{-3}, 10^3)$
2. Choose a correct cation.
 - a. Na^{2+}
 - b. Mg^+
 - c. Cs^+
 - d. K^{2+}
 - e. O^{2-}
 - f. Cl^-
3. Choose the correct order about soil particle size. (A:Clay B: Sand C: Silt)
 - a. $A < B < C$
 - b. $A < C < B$
 - c. $B < A < C$
 - d. $B < C < A$
 - e. $C < A < B$
 - f. $C < B < A$
4. What is soil containing Clay=30% and Sand=60% ?
 - a. silty clay
 - b. silt loam
 - c. sandy clay loam
 - d. sandy clay
 - e. clay loam





- UT students cut corners
- International students work hard

Challenge to solve the problems that lie in front of us

- What is the problem?
 - Find and set the right question
- How do we solve the problem?



Project-Z by Mizo

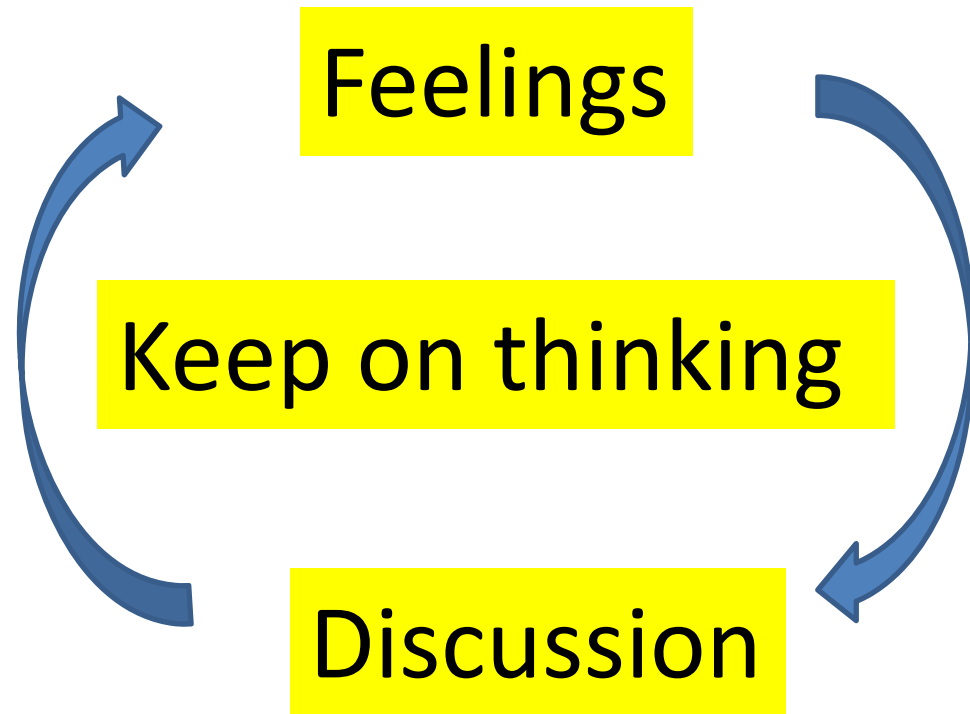


Theory and Practice

- Notice the gap between theory and practice
- Understand the theory (Science)
 - Mathematics, physics, chemistry, biology, ecology,,,
 - Sociology, economics, political science,,,
- Know the practice (experience)
 - Field survey, interview, job training, internship,,,,

Where does the idea come from?

- Lecture?
- Book?
- TV?
- Internet?
- Practice?



Tentative schedule in winter semester

- Oct.10 Fri, Guidance (Grouping)
- Oct.17 Fri, Special lecture
- Dec.26 Fri, Deadline of draft report
- Jan. 7 Thu, Deadline of group report to report@iai.ga.a.u-tokyo.ac.jp
- Jan. 9 Fri, Presentation
 - (20-min presentation + 10-min Q&A)
- Jan.30 Fri, Deadline of final report