The Informatics Olympiad in Mongolia: Training Resources for non-English Speaking Students

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Key issues and problems

1. Participant’s English language skills
2. Coverage of IOI syllabus
3. Lack of highly qualified teachers
4. Not enough amount of students involved in informatics Olympiad
5. Not stable results in IOI
Mongolian National Olympiad in Informatics
Participation of Mongolian team in IOI

Not stable!!!
- School competition: ~497,000 participants
- District competition: ~115 participants
- City, province competition: ~40 participants
- National competition: 10 participants
- Team training: 4 participants
- IOI: 4 participants
Online Olympiads translated into Mongolian language

1. www.codeforces.ru Codeforces
2. www.spoj.pl Sphere Online Judge
3. www.hsin.hr/coci Croatia Open Competition in Informatics
4. Asia Pacific Informatics Olympiad
Continuous development of training material

• Reason for not stable results
  – Different teachers in different years
  – Different participants in different years

• Solutions
  – Require teachers to improve training materials
Conclusion

• Translation of full IOI syllabus.
• Introduction of IOI judge system in National contest (CMS) since 2015.
• Translation of several regular online Olympiads in Informatics.
• Introduction of new classification of students in city, province level
• Continuous development of annual training book with the help of alumni students
Questions?