Rules of Calculating Publication Points for Doctoral Degree in SOC Group

Approved by the Department and Institute General Meeting on December 2, 2005
Amended and approved by the Department General Meeting on April 30, 2010

I.   Graduation Requirements
1. For students who spent four years or more to complete the program, a minimum of 20 publication points is required. The accumulated publication points must contain at least 15 points from publications in journals and, of the 15 points, at least 7.5 points must come from publications in journals which are listed in SCIE during the period of the PhD study.
2. For students who spent less than four years to complete the program, five additional publication points are required per semester reduced (ten points for two semesters, etc.). The required publication points attributed to publications in journals is increased proportionally. (For 1 semester reduced, 25 total publication points, of which, 18.75 publication points from journals including 9.375 from journals listed in SCIE during the period of the PhD study)
3. For master students who continue to pursue the doctoral program (inclusive of the students admitted under the direct PhD track, or the graduating students admitted via the PhD entrance examination), the submitted papers during the master program can be included in the publication points required for the doctoral degree.

II. Rules for Ranking Papers and Calculating Publication Points
1. Journal Papers
   i. Rules for Ranking Journal Papers in Each Concerned Year
      A. In any concerned year[1], journals which are listed in SCIE[2] and included in all categories of Computer Science or Electrical and Electronic Engineering of JCR[3], are ranked according to their Impact Factors. The top 40% journals are classified as class A, 41% to 70% are class B, and 71% to 100% are class C.
      B. In any concerned year, journals which are listed in SCIE and included in other categories of JCR (not Computer Science nor Electrical and Electronic Engineering categories), are classified according to its' Impact Factor, using the aforementioned class A, class B, and class C journals' (of the list generated by Computer Science or Electrical and Electronic Engineering of JCR) range of Impact Factors as a reference. The students' journals' classification is determined by identifying the reference's Impact Factor range that the students' journals' Impact Factor would fall within.
      C. In any concerned year, journals which are not listed in SCIE are classified as class D.
   ii. When determining a journal's ranking using II.1.i, the best journal rank achieved during the student's period of study is adopted.
   iii. Classification points: 10 classification points for class A paper, 7.5 classification points for class B paper, 5 classification points for class C paper, and 3 classification points for class D paper.
   iv. Publication points of a journal paper is weighted according to its article type by the following:
      A. Full Paper = classification points × 1.0
      B. Short Paper and Letter = classification points × 0.75
      C. Comment = classification points × 0.4
         The SOC Group reserves the rights to decide the article type in the event of a dispute.

1. Conference Papers
    i. 3 Publication points for each Full Paper
    ii. 2 Publication points for each Extended Abstract
    iii. 1 Publication point for each Abstract

[1] Concerned year refers to the year of publication. If a paper has been accepted but not yet published, the year of submission is adopted to calculate publication points when processing the graduation application.

[2] SCIE refers to Science Citation Index Expanded (web version)

[3] JCR Web refers to Journal Citation Reports on the Web – Science Edition