

Pengembangan Subject Matter Content Knowledge Berbasis Review dan Artikel Jurnal Nasional dan Internasional Bagi Guru - Guru Kimia SMA/SMK/MA di Daerah Istimewa Yogyakarta

by Hari Sutrisno, Endang widjajanti, Antuni

ABSTRACT

One of professional competence that is essential for owned and developed by teachers is a Subject Matter Content Knowledge. Subject Matterdalam chemistry evolved over time, but this development can not be contained or followed by textbooks or teachers' handbook. Subject development Matterdalam chemistry contained in the review article and national and international journals. Observations in the field, many teachers in Indonesia and in Yogyakarta in particular difficulty for promotion to IVa upwards. This is because the constraints faced not have articles published in national journals. This suggests that the ability of these teachers in writing articles and explore national and international journal articles are still lacking.

Kata Kunci: *Content Knowledge, subject matter*