

**Electromagnetic Pollution Awareness Scale**Ismail Kenar<sup>1</sup>, Sedat Turgut<sup>2</sup> and Muhammed Sait Gokalp<sup>3</sup><sup>1</sup>*Dumlupinar University, Kütahya, Turkey**E-mail: fizikkenar@mynet.com*<sup>2</sup>*Dumlupinar University, Kütahya, Turkey**E-mail: sdturgut42@hotmail.com*<sup>3</sup>*Dumlupinar University, Kütahya, Turkey**E-mail: sgokalp@gmail.com***KEYWORDS** Electronic Devices. Electromagnetic Waves. Biological Systems. Human Health

**ABSTRACT** In this study, it is aimed to develop a valid and reliable instrument to measure electromagnetic pollution awareness of pre-service teachers. At the test construction process, the related literature was reviewed, expert opinions were taken, and items developed for the scale: Electromagnetic Pollution Awareness Scale<sup>1</sup>. This scale was administered to 476 second and third grade pre-service teachers from a university at west region of the Anatolia. Factor analyses results showed that the Electromagnetic Pollution Awareness Scale has four factors that explain 50.13% of the variance. Moreover, Cronbach's alpha coefficient was found to be .92.