

## ABSTRAK

**WULANSARI FITRIA RAHAYU:** ‘‘Pengaruh Model Pembelajaran RADEC Menggunakan Media Nearpod Terhadap Keterampilan Berpikir Kreatif Siswa Pada Materi Sistem Ekskresi’’

Keterampilan berpikir kreatif merupakan keterampilan yang harus dikuasai siswa pada pendidikan abad 21. Penelitian bertujuan untuk menganalisis pengaruh model pembelajaran RADEC menggunakan media *nearpod* terhadap keterampilan berpikir kreatif siswa. Penelitian menggunakan metode campuran (*mix methods*) dengan desain *Embedded*. Perangkat penelitian berupa RPP dengan instrumen penelitian: lembar observasi keterlaksanaan, soal uraian terbatas dengan indikator keterampilan berpikir kreatif dan angket kendala siswa. Penelitian dilakukan di salah satu SMP Negeri di kota Bandung. Sampel penelitian terdiri atas 35 siswa di kelas eksperimen dan 36 siswa di kelas reguler melalui teknik *purposive sampling*. Keterlaksanaan aktivitas siswa dan guru mencapai kriteria sangat baik. Keterampilan berpikir kreatif mengalami peningkatan yakni di kelas eksperimen diperoleh rata-rata *posttest* sebesar 82,30 sedangkan pada kelas reguler diperoleh rata-rata *posttest* sebesar 73,00. Hasil uji hipotesis diperoleh nilai  $0,003 < 1,96$  ( $H_1$  diterima) menunjukkan adanya pengaruh model pembelajaran RADEC terhadap keterampilan berpikir kreatif siswa pada materi sistem ekskresi. Hasil pengujian *effect size* diperoleh skor 0,713 yang menunjukkan kategori sedang. Sebesar 60% siswa mengalami kendala yaitu jaringan yang kurang stabil dalam mengakses media *nearpod* serta 20% siswa masih kurangnya rasa percaya diri. Model pembelajaran RADEC sebagai alternatif model pembelajaran yang inovatif untuk menumbuhkan keterampilan berpikir kreatif pada siswa.

**Kata kunci:** Keterampilan berpikir kreatif, Model RADEC, Sistem ekskresi

## **ABSTRACT**

**WULANSARI FITRIA RAHAYU:** ‘*The Effect of the RADEC Learning Model Using Nearpod Media on Students' Creative Thinking Skills on the Materials Excretion System*’

*Creative thinking skills were skills that must be mastered by students in 21-st century education. The research aimed to analyze the effect of the RADEC learning model used nearpod media on students' creative thinking skills. This research used mixed methods with Embedded design. The research tools were in the form of research implementation plans with research instruments: implementation observation sheets, limited description questions with indicators of creative thinking skills and student constraint questionnaires. The research was conducted at one of the State Junior High Schools in the city of Bandung. The research sample consisted of 35 students in the experimental class and 36 students in the regular class through a purposive sampling technique. The implementation of student and teacher activities reached very good. Creative thinking skills have increased, namely in the experimental class, the posttest average was 82.30, while in the regular class, the posttest average was 73.00. The results of the hypothesis test obtained a value of  $0.003 < 1.96$  ( $H_1$  accepted) indicated that there is an influence of the RADEC learning model on students' creative thinking skills on the materials excretion system. The results of the effect size test obtained a score of 0.713 which indicated the moderate effect. 60% of students experience problems, namely an unstable network in accessing nearpod media and 20% of students still lacked confidence. The RADEC learning model was an alternative to an innovative learning model to foster students' creative thinking skills.*

**Keywords:** *Creative thinking skills, Excretory system, RADEC Model*

