

**PENGEMBANGAN KETERAMPILAN KOLABORASI,  
KETERAMPILAN KOMUNIKASI SERTA KEMAMPUAN MEMAHAMI  
KONSEP SISWA MELALUI MODEL PEMBELAJARAN ICARE**

Untuk Memenuhi Sebagian Persyaratan mencapai Gelar Magister S-2

Program Studi Pendidikan Fisika

**TESIS**



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**PENGEMBANGAN KETERAMPILAN KOLABORASI, KETERAMPILAN  
KOMUNIKASI SERTA KEMAMPUAN MEMAHAMI KONSEP SISWA  
MELALUI MODEL PEMBELAJARAN ICARE**

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Magister Pendidikan (M.Pd) pada Program Studi Pendidikan Fisika

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## **PERNYATAAN**

Dengan ini saya menyatakan bahwa tesis dengan judul “Implementasi Model Pembelajaran ICARE untuk Meningkatkan Kemampuan Memahami Konsep serta Melatihkan Keterampilan Komunikasi dan Kolaborasi Siswa SMA” ini beserta seluruh isinya adalah benar – benar karya saya sendiri dan saya tidak melakukan penjiplakan atau pengutipan dengan cara – cara yang tidak sesuai dengan etika ilmu yang berlaku dalam masyarakat keilmuan. Atas pernyataan ini, saya siap menanggung resiko/sanksi yang dijatuhkan kepada saya apabila kemudian ditemukan adanya pelanggaran terhadap etika keilmuan dalam karya saya ini atau adanya klaim dari pihak terhadap keaslian karya saya ini.

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## **KATA PENGANTAR**

Segala puji dan syukur saya panjatkan kehadirat Allah swt yang telah memberikan limpahan rahmat dan karunia-Nya sehingga saya dapat menyelesaikan proses penelitian dan penyusunan tesis yang berjudul “Pengembangan Keterampilan Kolaborasi, Keterampilan Komunikasi serta Kemampuan Memahami Siswa melalui Model Pembelajaran ICARE”.

Tesis ini disusun sebagai salah satu syarat untuk mendapatkan gelar Magister Pendidikan Fisika pada Program Studi Pendidikan Fisika Sekolah Pascasarjana Universitas Pendidikan Indonesia.

Tesis ini memberi gambaran mengenai implementasi model pembelajaran ICARE pada siswa SMA di kota Karawang. Dalam tesis ini dipaparkan tentang peningkatan kemampuan memahami, keterampilan komunikasi serta keterampilan kolaborasi setelah diimplementasikannya model pembelajaran ICARE.

Hasil penelitian ini diharapkan dapat menjadi masukan bagi guru SMA khususnya dalam meningkatkan kemampuan komunikasi, keterampilan komunikasi dan keterampilan kolaborasi. Besar harapan penulis atas kritik dan saran dari semua pihak untuk meningkatkan penelitian lebih lanjut. Semoga penulisan tesis ini dapat memberikan manfaat bagi pembaca di masa depan khususnya dalam pembelajaran fisika di sekolah.

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