

# Yoonjoo Lee

Korea Institute of Ceramic Engineering & Technology (KICET)

Energy & Environmental Division

Senior Technical Researcher

Phone: +82-55-792-2611

E-mail: yoonjoo\_lee@kicet.re.kr

As a member of Si fiber - CMC group in KICET, the main research fields are development of preceramic polymer and its applications; especially polycarbosilane and SiC related composite materials. Received Ph.D in Chemistry from Yonsei University for the work on the development of poly(phenyl carbosilane) and its film applications. The former work was on biomaterials; developing bone implant, that has been successfully commercialized, with the support of the Korean government's next generation project during the master's course, and has worked in enterprise laboratories for the next five years.

## EDUCATION

- Ph D** 2009 – 2013 **Inorganic Chemistry**; Yonsei University, Seoul, Korea  
"Study on the Synthesis of Poly(phenyl carbosilane) and the Formation of SiOC by Organic-Inorganic Conversion for Functional Applications"
- MA** 2002 – 2004 **Inorganic Chemistry**, Yonsei University, Seoul, Korea  
"Synthesis of Si, Mg substituted hydroxyapatite and their sintering behaviors"
- BA** 1994 – 1998 **Chemistry**, Duksung Women's University, Seoul, Korea

## RESEARCH EXPERIENCE

- 2018 - Present Senior Technical Researcher,  
Korea Institute of Ceramic Engineering and Technology (KICET)
- 2013 - 2017 Post Doctor  
Korea Institute of Ceramic Engineering and Technology (KICET)
- 2004 - 2008 Associate Research Engineer,  
Nanohybrid Inc.
- 2003 – 2004 Assistant Research Engineer,  
Metabiomed Co. Ltd.