Nano Crystal # 7

Dr. Kaleem Ahmad Najar

Mechanical Engineering Department, NIT Srinagar (J&K)

Contact Id: najar.kaleem@gmail.com, kaleem.najar@gmail.com

Dr. Kaleem Ahmad Najar has completed his PhD under the supervision of Prof. Nazir Ahmad and Dr. M. A. Shah (Co-Supervisor) in mechanical engineering from NIT Srinagar, India in 2018 and was working on "**Tribological and Mechanical Characteristics of CVD-diamond Coatings Deposited on Tungsten Carbide Cutting Tools**". His research work is based on Surface Science and Engineering Tribology and is now presently working as Associate Professor (temporary) in the same institute. Dr. Kaleem Ahmad Najar has seven international publications in reputed journals and his work is based on physical, mechanical, tribological and machining properties of CVD-diamond coatings.

List Of Publications

1. **Najar K. A.,** N. A. Sheikh, M. Mursaleen Butt, M. A. Shah. (2018). Enhancing the Wear Resistance of WC–Co Cutting Inserts using Synthetic Diamond Coatings. Industrial Lubrication and Tribology. 0036-8792.
2. **Najar, K. A.,** Sheikh, N. A., & Shah, M. A. (2017). Enhancement in Tribological and Mechanical Properties of Cemented Tungsten Carbide Substrates using CVD-diamond Coatings. *Tribology in Industry*, *39*(1).
3. **Najar, K. A.,** Sheikh, N. A., & Shah, M. A. (2017). A comparative investigation of mechanical and tribological properties of multilayered CVD-diamond coatings: effect of boron doping.
4. **Najar, K. A.,** Sheikh, N. A., Din, S., & Shah, M. A. (2016). Effect of CVD-diamond coatings on the tribological performance of cemented tungsten carbide substrates. *Jurnal Tribologi*, *9*, 1-17.