**Bulgarian Academy of Sciences**

**Institute of Chemical Engineering**

**CERTIFICATE**

**Degradation of synthetic dyes by the use of nanosized composite catalysts and microorganisms**

**Nadezhda Shukova, Nadia Armenova, Dzhamal Uzun, Adriana Gigova, Ognian Dimitrov, Mariela Dimtrova, Ljutzkan Ljutzkanov, Elena Razkazova-Velkova**

**This is to certify that the paper has been presented in the**

**2nd SEMINAR ON**

**INVESTIGATIONS, MODELING AND OPTIMIZATION**

**OF NANOCOMPOSITES STRUCTURES**

**2nd April, 2025, Hotel of BAS, Sofia, Bulgaria**

 **Prof DSc Kaloyan Petrov …………………**

**Institute of Chemical Engineering**