

Ceramics Research Group in the Department of Materials at Loughborough University

Activity fields:

The Ceramics Research Group in the Department of Materials at Loughborough University has over 25 years of experience of microwave processing of ceramic materials. Activities have included applying microwaves to the processes of drying, slip casting, sintering, joining, chemical vapour infiltration and powder synthesis amongst others and a very wide range of ceramic materials have been examined including electrical and electronic, structural, traditional, magnetic, nuclear, glasses and nanostructured ceramics. Fundamental underpinning science behind the interaction between microwaves and ceramic materials has also been undertaken. Dr Bala Vaidhyanathan and coworkers are always interested in talking to companies and research groups with respect to potential collaboration.

Contact person:

Dr Bala Vaidhyanathan

Web link: <http://www.lboro.ac.uk/departments/materials/staff/academics/vv/index.html>