

Curriculum Vitae

Dr. MOHAMMED ALEEM PASHA

Assistant Professor

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Academic Qualification

- **Ph.D. (Geology)**, Department of Studies in Geology, University of Mysore, Mysore
- **Post M.Sc. Diploma (Hydrogeology)**, Department of Studies in Geology, University of Mysore, Mysore
- **M.Sc. (Applied Geology)**, Department of Studies in Geology, University of Mysore, Mysore

Academic Distinction

- **SLET (Applied Geology)** for lectureship conducted by the Government of Karnataka and accredited by U.G.C.

Areas of specialization

Experimental Mineralogy/Petrology, Material synthesis, Crystal growth, Remote sensing and GIS

Projects

UGC BSR project funded by UGC, New Delhi from 2014 to 2016

Membership of Professional / Academic bodies

Life Fellow of Mineralogical Society of India (MSI)

Fellowships

Junior Research Fellow (JRF) and Senior Research Fellow (SRF) under the University Postgraduate Fellowship awarded for research by University of Mysore, Mysore

Summer Schools

- Participated in the European Summer School on Crystal Growth (ESCG 2015) at Bologna, Italy, September 2015

Seminars, conferences and workshops

Participated/presented papers at the following seminars, conferences, workshops

- National conference on Emerging trends in Earth Sciences, Central University of Karnataka, Gulbarga, Mar 2015
- KSTA sponsored regional workshop on science & technology for development, Central University of Karnataka, Gulbarga, 2014 and 2015
- National conference on GIS application in disaster management and mitigation, Central University of Karnataka, Gulbarga, 2014

- National seminar on 'current trends of research in Precambrian geology and vision 2020, university of Mysore, Mysore, 2013
- National Workshop on Recent advances in sedimentary basins and associated mineral deposits of India, conducted by University of Mysore, 2011.
- National seminar on Recent advances in Mineral sciences and their applications, conducted by University of Mysore, 2011.

Selected Research Publications

- Experimental Simulation of Prograde and Retrograde Reactions of Osumilite-Bearing Assemblages: Relevance to Mg-Al Granulites. J Geol Soc of India, 2007, 70, 5, 706-713
- Breakdown of synthetic potassic cordierite at low P-T conditions. Current Science, 2004, 87, 1, 104-108
- High P-T experimental study on the H₂O and CO₂ incorporation in synthetic and natural cordierites, Proceedings of Advances in High Pressure Science & Technology, II Intl. Pressure Metrology and VI NCHST, New Delhi, 2001, 407-411

Professional Experience

- Since Aug 2012, working as Assistant Professor at Department of Geology, Central University of Karnataka, Gulbarga.
- Earlier worked as Assistant Professor at Maharaja Institute of Technology, Mysore and Ekalavya Institute of Technology, Ummattur, Chamarajnar; as Senior Product Executive (Geospatial) at Rolta India Ltd., Mumbai

October 2015