


DAYANANDA SAGAR ACADEMY OF TECHNOLOGY AND MANAGEMENT  
22 Mile, B.M Kaval, Udayapura, Kanakapura Road, Bangalore-560082.



DEPARTMENT OF CIVIL ENGINEERING

Faculty Name	Dr. Vannappa Bootanna	
Designation	Professor	
Educational Qualification	BSc, MSc, PhD	
Experience in Years	37 Years	
Area of Interest	Petrology, Mineral Economics, Engineering Geology	
Email ID	drbvgeo@gmail.com	

### Educational Details

- PhD - "Mineralogical and Geochemical studies of Titaniferous Magnetities in ultramafic complex of Joida North Kanara District, Karnataka, India", University of Mysore
- MSc - In Geology, Bangalore University, 1981
- BSc - In Geology, Bangalore University, 1979

### Personal Details

- Date of Birth: 10-07-1954
- Hobbies: Reading, Writing, Agriculture
- Languages Known: Kannada, Hindi, English, Telugu, Tamil

### Professional Experience

- Working as Professor in Department of Civil Engg. at DSATM from **Aug 2014 to Till Date**
- Worked as Professor in Department of Civil Engg. At Dr. AIT, Bangalore from **Aug 1981 to Jul 2014**

### Publications

#### National Journals:

- "A strategy for drought mitigation using ground water. A case study in chronologically drought prone Rayalaseema region" – *National Disaster- Causes and Management, DMC Bangalore from 7-9 Dec, 1995.*
- "Micro Intergrowths & Fabrics of V-Ti Magnetite's & Associated Sulfides in the Durgagudda upper kaneri layered complex of Joida Area, North Kanara Dist, Karnataka" – *Indian Mineralogist, Vol. 30, Page No.192-107-1996*
- "Chemistry of T-fo2 conditions of V-Ti Magnetite ores in the Durgagudda - Upper, Kaneri layered complex ultra kannada Dist., Karnataka - *Indian*

- **“Petrology and Geo Chemistry of ultramaphic –maphic rocks and the associated V-Ti magnetite layers of Jodia area Uttara kannada Dist., Dhaawar craton – Special volume of 9<sup>th</sup> Indian geological congress and National seminar at Roorkee,UP. Indian mineralogist Volume 32, Page No. 76**
- **“Hogbomite in the V-Ti magnetite ores of Durgagudda – Upper kaneri layered complex North kanara Dist, Karnataka – Indian Mineralogist Vol.33, Page No. 103-111-1999**
- **“Fluride Problem in Drinking water of Karnataka – An overall appraisal and remedial measures – Proceedings of the National Seminar Environmental & Health’99 Fluoride contamination fluorosis & Defluridation techniques**
- **“Mineragraphy and Geo-chemistry of Durgagudda – Upper kaneri mafic – Ultramafic complex and their associated V-Ti magnetite ores North kenara-Shimoga scgist belt karnataja carton – National Seminar of milestone in petrology at the end of millennium and future prospective, BHU Varanasi**
- **“Ceramic minerals – ceramic engineering a pre-requisite for industrial progress in the present millennium” –Workshop on raw materials for ceramic industries, DMG,**
- **“Petrology nd Geo chemistry of pyroxenite, gabbro anorthosite suite of rocks and their associated V-Ti magnetite ores of joida area north kenara Dist., Karnataka, India”- Indian Mineralogist, Vol.45. 2011, Page No. 96-131**

**Conferences:**

- **“Petrology and Geochemistry of ultramafic rocksand associated V-Ti magnetite layers of Jodia Area uttra kannada Dist., Dharwar Craton – XI Indian Geological Congress and National Seminar held at Dept. of Geology University of Mysore, Mysore. 4<sup>th</sup> -6<sup>th</sup> Feb, 1998**
- **“Indian decorative and ornamental granite mining economic scenario and probable environmental impact remedial measures” - XI Indian Geological Congress and National Seminar held at Dept. of Geology University of Mysore, Mysore. 4<sup>th</sup> -6<sup>th</sup> Feb,1998**
- **“Hogomite in the V-Ti magnetite Ores of Durga Gudda – Uppar Kaneri layered complex North kanara Dist., Karnataka” – Mile stone in petrology at the end of millennium and future perspective of India held at Dept. of Geology, Karnataka University, Dharwad., 27<sup>th</sup> -28<sup>th</sup> Nov, 1998**
- **“Fluoride problem in drinking water of Karnataka – An appraisal and remedial measures”- National Seminar on Fluoride contamination, fluorosis and**

*deglucination techniques held Udaipur organized by SARITA, 25<sup>th</sup>-27<sup>th</sup> Feb, 1999*

- **“Mineragraphy and geochemistry of durgagudda - Upper kaneri - Vageli layered mafic ultramafic complex and their associated V-Ti magnetite ores north Canara - Shimoga Schist Belt, Karnataka Craton” - Mile stone in petrology at the end of the millennium and future perspectives of India, held at Dept. of Geology, Banaras Hindu university, Varanasi -UP, Nov 14<sup>th</sup> -16<sup>th</sup>, 2000**
- **“Ceramic Minerals, Ceramic Engineering and Prerequisite for Industrial Process in the present Millenium”- Ceramic Minerals, Ceranuc Engg and Prerequisite - Held at Dept. of Mines and Geology, Bangalore in association with the Geological Society of India, Bangalore**
- **“Geo hydrological problems - an appraisal, probable and plausible remedial measures in Karnataka” - III convention of Mineralogical society of India and National Seminar on challenges in pre-cambrian geology in the New Millennium held at Dept. of geology Univeristy of Mysore, Mysore. 17<sup>th</sup> -18<sup>th</sup> Jan, 2001**
- **“Petrology and Geochemistry of pyroxinite, gabbro anorthosite suite of rocks and their associated V-Ti magnetite ores of Jodia area North kenara Dist., Karnataka”- National seminar on recent advances in mineral sciences and their applications held at Dept. of studies in Geology University of Mysore in Association with mineralogical Society of India.**
- **“Hot Spots of lead Pollution and its impact on the biosystem - Holestic approach in Indian Sub-continent” - National seminar on Geology, Mining processing, metallurgy and Environmental issues of Economic mineral deposits (GEOPME) held at Dept. of Mineral processing. Sri krishnadevaraya University, Sandure Ballary.30<sup>th</sup> April, 1<sup>st</sup> May 2011**
- **“Opencast Iron and Manganese geo mining Industrial development, Bio-Geo Environmental impact and the disposal of solid waste in Goa State” - National seminar on Geology, Mining processing, metallurgy and Enviroinmental issues of Economic mineral deposits (GEOPME) held at Dept. of Mineral processing. Sri krishnadevaraya University, Sandure Ballary.30<sup>th</sup> April, 1<sup>st</sup> May 2011**

### **Academic Activity**

- Students Mentor

### **Faculty Development Activity**

- **Workshop on GIS application on Natural Resource Management - Dept. of Applied Geology, Kuvempu University, Shivmoga on 25<sup>th</sup> March 1998**
- **Mile Stone in petrology at the end of the millennium and future prespectives of India - Dept. of Geology, Banaras Hindu University, Varanasi- UP. 14<sup>th</sup> -16<sup>th</sup> Nov 2000**
- **Raw materials for ceramic industries in Karnataka - Dept. of Mines and geology, Bangalore on 16<sup>th</sup> Dec 2000**
- **Evolution of pre cambrian continental crust of southern India - Dept. of**

geology, Bangalore University on 22<sup>nd</sup> Apr 2002

- **State Level Workshop on Ground water recharging** - Bapuji Institute of Engineering and Technology, Dhavanagere on 3<sup>rd</sup> -4<sup>th</sup> July 2004.
- **Emerging trends and Challenges in Technical Education** - Institution of Engineers India, Karnataka on 9<sup>th</sup> -10<sup>th</sup> Oct 2004
- **Workshop on Tsunami and multi hazard management** - Drought monitoring cell and Dept. of Science and Technology, Govt. of Karnataka held at Yavanika, Bangalore on 23<sup>rd</sup> March 2005
- **Workshop on Constitution of India and Professional Ethics** - Dept. of IEM, BMSCE, Bangalore on 2<sup>nd</sup>-4<sup>th</sup> Sept 2004
- **Advanced Application in GIS & Remote Sensing** - Dr. AIT, Bangalore on 31<sup>st</sup> March 2006
- **Ground Water Scenario, Water Quality and enhancement of water use efficiency in Karnataka and Goa** - The Central Ground Water Board South Western Region, Bangalore on 25<sup>th</sup>-26<sup>th</sup> Feb 2009
- **To Understand The Pollution Mechanism In Urban Aquifers Of BBMP By Integrated Geophysical Remote Sensing And GIS Techniques** - Dept. Of Civil Engg, DSCE, Bangalore on 24<sup>th</sup> April 2015
- **International Workshop on Need for Costal Reservoirs to Solve Water Crisis** - Dept. Of Civil Engg, DSCE, Bangalore on 4<sup>th</sup> Dec 2017

### **Administrative Activity**

- Worked as NSS Officer from 1982 to 1985 at Dr. AIT
- Warden of Dr. AIT Men's Hostel from 1988 to 1995
- Students welfare officer from 2000-2008

### **Professional Membership**

- Life Member for Geological Society of India, Bangalore
- Life Member for Mineralogical Society
- Life Member for Indian Society for Technical Education

### **Contact Details**

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### **My Vision**

- Improving the intellectual knowledge for the benefit of the society and the national development
- Enhancing the creativity of the students by imparting advanced technology in the field of geology.