

Dr. B.V. S URESH K UMAR

PROFESSOR

Department of Studies in Earth Science
University of Mysore, Manasagangotri, Mysore-570 006
bvsmysore@gmail.com
bvsureshkumar@yahoo.com
+91-9480443262



ADDRESS

Office

Dept. of Studies in Earth Science,
University of Mysore, Manasagangotri,
MYSORE- 570 006,
Karnataka, INDIA.
+91-821-2419299,
E-mail: bvsmysore@gmail.com, bvsureshkumar@yahoo.com

Residential

#44, 3rd Cross, MMG-Temple Bell Layout, Srirampura, Mysore-570 034,
Karnataka, INDIA.

ACADEMIC QUALIFICATIONS

Degree	Institution/ University	Year of Passing
S.S.L.C. (10 th Std)	Sri Vidya Shankara High School Rudrapatna, Hassan District Pin. 573150	1987 Merit Certificate Awarded
B.Sc.,	Yuvaraja's college, University of Mysore, Mysore 570005	1993 Subject Scholarship Awarded in Geology
M.Sc.,	Dept. of Studies in Geology University of Mysore, Mysore 570006	1995 3 rd Rank
Ph.D.,	Dept. of Studies in Geology University of Mysore, Mysore 570006	2001
Certificate course in Computing	Indira Gandhi National Open University, New Delhi – 11068	2002

ACADEMIC DISTINCTIONS:

- a) Recipient of Merit certificate from Govt. of Karnataka -1987.
- b) Recipient of Subject Scholarship -1994.
- c) Recipient of UGC-JRF Fellowship from 1995 to 1997.
- d) Recipient of UGC-SRF Fellowship from 1997 to 2000.

TITLE OF THE DOCTORAL THESIS

“Synthesis and Characterization of Aluminophosphate Zeolites.”

VISITS ABROAD:

1. International Advanced Research Center for Powder Metallurgy and New Materias (ARCI), Hydrabad, Andra Pradesh (June - 2006)
2. Materials and Structural Laboratory, Tokyo Institute of Technology, Yokohama, Japan (August - 2006)
3. Institute of Multidisciplinary Research for Advanced Materials, Tohoku University, Sendai, Japan (August - 2006)

TEACHING EXPERIENCE: (2004 – till date)

Under Graduate – 6 months

Post Graduate – 15 years

ACADEMIC DUTIES:

Examiner: B.Sc., (Geology & Earth Science and Resource Management)
M.Sc., (Geology, Applied Geology, Earth Science and Resource Management)

Chief Superintendent of Examinations: (Out Reach Programme)

- a) Global Environment Research Foundation, Nadia, West Bangal – 741235, (from 5th to 18th March 2010)
- b) Magnus School of Business, Hyderabad, Andra Pradesh - 500073, (from 28th July to 5th August 2010)
- c) Vishwakarma Institute of Information Technology, Pune, Maharashtra – 411 048 (from 11th to 19th December 2010)

Faculty of Science and Technology, Nominated Member University of Mysore, Mysore 2007 to till date

Co-Ordinator: Other Back Ward Classes Cell (OBC Cell), University of Mysore, Mysore., November 2017 to till date

Complete compilation of New syllabus “Credit Based Choice based continuous assessment pattern education system” in Geology, Applied Geology and Earth Science and Resource Management. 2010-11.

Resource Person: 3rd Refresher course in Material Science, 11-03-2009 to 31-03-2009, UGC – Academic Staff College, University of Mysore, Mysore – 570006.

Assistant Nodal Officer, K-SET Examination 2011

Course Co-ordinator, 12th Refresher Course in Materials Science (8th to 21st December 2020)

RESEARCH INTERESTS:

- 1) Experimental Mineralogy, Crystallography, Crystal Growth, Crystal Chemistry
- 2) Remote Sensing and GIS

RESEARCH EXPERIENCE: 15 years

- a) *UGC-Junior Research Fellow* in Dept. of Studies in Geology, Manasagangotri, University of Mysore, Mysore 570006, (1995 - 1997)
- b) *UGC-Senior Research Fellow* in Dept. of Studies in Geology, Manasagangotri, University of Mysore, Mysore 570006 (1997 - 2000)
- c) *Geologist*, Geomysore Service (India) Pvt. Ltd, Bangalore, (Experience in Gold Exploration during 2000-2004)

RESEARCH PROJECTS UNDERTAKEN:

1. **Co-investigator** in the GE India Tech. Center Pvt.Ltd. Bangalore, Project entitled "**Synthesis of Monodispersed LaPO₄ Nanoparticles and YAlO₃**" with Prof. K.Byrappa, Dept. of Studies in Geology, University of Mysore, Manasagangotri - 570006 (Jan 2005 – March 2006).
2. **Co-Investigator** in "Hydrothermal preparation of Polymer_Carbon composites, Zeolite-Carbon composites and their structural characterization", Collaborative Research Projects – 2006: Materials and Structures Laboratory, Tokyo Institute of Technology, Japan. (May 2006-March 2007).
3. **Principal Investigator**, Minor Research Project, Univ. of Mysore, Mysore, Project entitled "**Hydrothermal Synthesis and Characterization of Aluminophosphate Zeolite – Polymeric composites**", Univ. Order No. DV3/398/2005-06, dated. 16th May, 2006, Project duration: 2006-2008.
4. **Principal Investigator**, Major Research Project, Dept. of Science and Technology, New Delhi. Project entitled "**Growth and Characterization of Zoisite Gem Mineral**", DO No. SR/S4/ES:209/2006, dated. 24th August, 2008, Project duration: 2008-2011.
5. **Principal Investigator**, Major Research Project, UGC, New Delhi. Project entitled "**Remote Sensing and GIS techniques for Environmental Impact assessment, revegetation planning and waste management in mining sites for Sandur Schist Belt, Bellary District, Karnataka, South India**", F.No. 39-148/2010 (SR), dated. 24th December, 2010, Project duration: 2011-2013
6. **Principal Investigator**, Minor Research Project, Univ. of Mysore, Mysore, Project entitled "**A Study on the formation of Uncommon Secondary Minerals in Deccan Traps, Western Maharastra, India.**", Univ. Order No. DV6/375/MRP/2018-19, dated. 10-08-2018.

Ph.D GUIDANCE:

- 1) "*Remote Sensing and GIS techniques for Environmental Impact assessment, revegetation planning and waste management in mining sites for Sandur Schist Belt, Bellary District, Karnataka, South India*",
R.K.Sunil Kumar (Ph.D Awarded 2014)

2) *Geotechnical Analysis of Soil and Lithology for construction of Multistoried Structures around Mysore City*
Nagendra P (Ph.D Awarded 2022)

MEMBERSHIP OF PROFESSIONAL BODIES

Mineralogical Society of India, Mysore
Indian Society of Applied Geochemists, Hyderabad
Indian Society of Remote Sensing, Dehradun
7th International Earth Science Olympiad-2013, Member, Subcommittee, Geosphere, held in Mysore, Sept. 11-19, 2013
Member, Advisory committee, Dept. of Mines and Geology, Coorg.

TRAINING / COURSES ATTENDED

Refresher Course: Geographical Information System conducted by the UGC-Academic Staff College, University of Mysore, Mysore, India (7-01-2005 to 27-01-2005)

Refresher Course: Material Science, conducted by the UGC-Academic Staff College, University of Mysore, Mysore, India (11-12-2012 to 31-12-2012)

Refresher Course: Composite Materials conducted by the UGC-Academic Staff College, Jawaharlal Nehru Technological University, Hyderabad, Andhra Pradesh, India (22-07-2013 to 12-08-2013)

Orientation Course: An Integrated Approach to Knowledge and Information for University and College Teachers, National Institute of Advanced Studies. IISc, Bangalore. (28th Dec 2005 to 17th Jan 2006)

Contact Course on RS/GIS in Earth Sciences, sponsored by DST, Organized by GSI training institute under Center for Geoinformation Management Training at Hyderabad from 26th Nov. to 21st Dec. 2007.

Training Programme: (1) Geological Mapping techniques, 5th to 15th March 2011, Geological Survey of India, Training Institute, Field Training Center, Chitradurga, Karnataka - 577501

(2) Geological Mapping techniques, 29th April to 10th May 2012,
Geological Survey of India, Training Institute, Field Training Center,
Chitradurga, Karnataka - 577501

Workshop: UGC Sponsored One week workshop on ICT from 07th to 13th March 2017 at UGC-HRDC, Univ. of Mysore, Manasagangotri, Mysore – 6

Training Of Trainers (TOT) on Landslides Risk mitigation: Organized by Administrative Training Institute (ATI), Mysore, Sponsored by National institute of Disaster Management (NIDM) from 28-08-2017 to 01-09-2017

SEMINARS ORGANISED

Joint Secretary: *National Workshop on Applied Geochemistry in Mineral exploration, February, 25-26, 2009, Organized by Indian Society of Applied Geochemistry, Hyderabad, and Dept. of Studies in Geology, University of Mysore, India.*

Joint Secretary: *XIII Convention of Mineralogical Society of India, and National Seminar on “Current trends of Research in Precambrian Geology and Vision 2020” 20th-21st March 2013. Organized by Dept. of Studies in Earth Science, Univ. of Mysore, Mysore – 570 006,*

Joint Secretary: *National Seminar on “Challenges and Opportunities in Earth Science Education and Research” 29th and 30th January 2018, Organized by the Dept. of Studies in Earth Science, Manasagangotri, University of Mysore, India.*

EDITED VOLUMES :

Editorial Committee Member: "Recent Advances in Sedimentary Basins and Associated Mineral Deposits of India"

LIST OF PUBLICATIONS/PAPERS PUBLISHED

1. Hydrothermal crystallization and Electrical conductivity of Aluminophosphate zeolites
B V Suresh Kumar, K Byrappa ,S Anand and K M Lokanatha Rai
Indian J. of Physics, 75A (2), 113-115 (2001)
2. The effect of ionic conductivity in aluminophosphates with different organic-structure directing templates
B V Suresh Kumar, K Byrappa and S Anand and K M Lokanatha Rai,
Asian J. of Chem, Vol.14, No. 3, (2002), 1513-1517.
3. The role of $\text{AlPO}_4\text{-11}$ in the synthesis of Bisphenol - A and Cinnamic acid
B V Suresh Kumar, K Byrappa, K M Lokanatha Rai, S Anand and R.V. Rao
Indian J. of Chem.Tech, Vol.9, 543-544, Nov.2002
4. Hydrothermal synthesis, electrical conductivity and catalysis reaction of Aluminophosphate zeolites
K Byrappa, M S Vijaya kumar, **B V Suresh Kumar**, S Anand, K M L Rai
In: Crystal Growth of technologically important electronic materials
Ed: K Byrappa, T Ohachi, M Klapper and R Fornari
Allied Publisher Pvt. Ltd. New Delhi, pp. 311-317, 2003.
5. Hydrothermal Crystallization and Characterization of $\text{R}^{+3}:\text{AlPO}_4$ zeolites, where R=Ce, Pr, Nd
K.Byrappa, **B.V.Suresh Kumar**, C.Ranganathaia, R.Somashekar, R.Dinesh, K.M.Lokanatha Rai and S.Ananda, *Acta Cryst.* A61. C382 (2005)
6. Synthesis and Characterization of calcium aluminum silicate hydroxide (CASH) mineral
K. Byrappa, M.K.Devaraju, P.Madhusudan, A.S. Dayananda, **B.V.Suresh Kumar**, H.N.Girish, S.Ananda, K.M.Lokanatha Rai, P.Javeri
J. Mat.Sci 41 (2006) 1395-1398.
7. Hydrothermal treatment of effluent affected polluted soil of Nanjungud, Mysore district, India.
K.Byrappa, S.Kousalya and **B.V.Suresh Kumar**
J. Mat.Sci 41 (2006) 1531-1534
8. Soil Characteristics Around Nanjungud, Mysore District India – A Case Study
K. Byrappa, C. P. Sajan, **B. V. Suresh Kumar** and C. Ranganathaiah
Environmental Science: An Indian Journal, Vol.1, Issues 2-3 (2006) 72-79.
9. Zeolite ($\text{AlPO}_4\text{-5}$) inhibition of D-Glucose oxidation by Sodium-N-Chlorobenzene Sulphonamide (Chloramine-B) in NaOH medium: A kinetic study
S.Ananda, K.B.Sudha Rani, **B.V.Suresh Kumar**, K.Byrappa
J. of Bulgarian Chem.Comm. Vol.38 (2006) 255-262.
10. Synthesis and Characterization of AlPO_4 - zeolites using alanine and glycine as templates
B.V. Suresh Kumar, K.Byrappa, K.M.Lokanatha Rai, M.K.Devaraju, M.S.Vijaya Kumar, C.Ranganathaiah, *Indian.J of Chem.*, Vol. 46A, (2007), 86-90
11. Characterization of Zeolites by Infrared Spectroscopy.
K. Byrappa and **B.V.Suresh Kumar**, *Asian J. of Chem* Vol.19, No.6 (2007), 4933-4935
12. Synthesis and characterization of $\text{R}^{+3}:\text{AlPO}_4$, where R=Ce, Pr and Nd.
K.Byrappa, **B.V.Suresh Kumar**, G.V.Narasimha Rao, M.S.Vijaya Kumar, C.Ranganathaiah, *Mat.Res. Inn.*, (USA)., Vol.11, No. 3, 2007, 122-126
13. Study of Solid chemistry from Bantwal Taluk, Southwestern Karnataka, India. P.G. Smitha, **B.V. Suresh Kumar** and K. Byrappa *mySCIENCE* Vol.35, pp.6-19 (2009)
14. Effect of zeolite particulate filler on the properties of Polyurethane composites
B.V.Suresh Kumar, Siddaramaiah, M.B.Shayan, K.S.Manjula,C. Ranganathaiah, G V Narasimha Rao, B. Basavalingu, K.Byrappa, *J. of Polym. Res.*, 17, 135-142, 2010
15. Photocatalytic activity of $\text{TiO}_2:\text{AlPO}_4\text{-5}$ zeolites for the degradation of Indigo carmine dye.

- B.V.Suresh Kumar**, C P Sajan, K M Lokanatha Rai, K. Byrappa,
Ind. J. of Chem.Tech., Vol. 17, May 2010, 191-197.
16. Thermal and Electrical properties of Zeolite filler-Polyurethane Composites,
H.R.Ravi, H.R.Sreepad, Siddaramaiah, **B.V.Suresh Kumar**
The Indian Mineralogist, Vol.45, No.2, July 2011, 144-152
 17. Study of MODIS Satellite Derived Aerosol Angstrom Exponent and
Measured Values from the Sun photometer in part of the west coast of
Indian Peninsula, Sunil Kumar R.K, Suresh .T, Govindaraju, **Suresh Kumar. B.V**
J. of Geomatica., Vol.5, No.2, October 2011, pp.91-94
 18. *Physio-chemical characteristics of ultramafic hosted vermiculites from
the Coimbatore colony, Sargur Schist Belt, Western Dharwar Craton*
K.N.Prakash Narasimha, R. Vishwanath, R. A.V.Ganesh and **B.V.Suresh Kumar**
The Indian Mineralogist, Vol.46, No.1, 2012, 118-125
 19. Detection Studies of Land Use / Land Cover Changes in Sandur Taluk,
Bellary, District, Karnataka, India, using Remote Sensing and GIS Techniques
R.K. Sunil Kumar, Chinnaiyah, **B.V.Suresh Kumar**
Int. J. of Earth Science and Engineering., Vol., 05, No. 01, 2012, pp.133-137
 20. Study of Aerosol Optical Thickness using MODIS satellite data and Sun
photometer in the part of West coast of Indian Sub-continent
Sunil Kumar. R.K., Suresh. T, Govindaraju, Jagadish Raje Urs and **Suresh Kumar. B. V,**
Int. J. of Earth Science and Engineering Vol., 05, No. 04, pp.710-714 (2012)
 21. Seasonal Variations of Physico Chemical Characteristics of Ground Water Samples of Mysore City,
Karnataka, India
International Science Congress Association, International Research Journal of Environment Sciences,
Vol. 1(4), 1-7, (2012)
Nirmala B., **Suresh Kumar B.V.**, Suchetan P.A., Shet Prakash M.
 22. Estimation of surface and ground water pollution due to mining activity by geo-chemical methods and
re-vegetation site selection using remote Sensing and GIS techniques in the parts of the Sandur schist
belt, South India.
R.K. Sunil Kumar, B.V. Suresh Kumar and S. Manjunatha
Nature Environment and Pollution Technology, Vol. 11, No.3., pp.403-408 (2012)
 23. Synthesis and characterization of calcium aluminum Silicate hydroxide (CASH) crystals
B. V. Suresh Kumar, S. Vasuki, B. Basavalingu and K. Byrappa
Journal of Applied Geochemistry, Vol. 15, No. 3 (2013). pp.336-342
 24. Geomorphology and morphometric analysis of Sandur taluk, Karnataka, South India, using Remote
Sensing and GIS techniques.
R.K. Sunil Kumar, B.V. Suresh Kumar
Indian Journal of Geomorphology. Vol.18 (1), pp.51-57 (2013)
 25. Cationic dye (Methylene Blue) removal from aqueous solution by adsorption on Aluminophosphate
Zeolites
Nirmala B, **Suresh Kumar B V**, Chethan B S, Srilakshmi B P, Sudha A G, Suresha E
International Journal of Pharmaceutical Biological and Chemical Sciences, Vol. 3, No. 3, pp.89-94
(2014)
 26. Electrical properties of rare earth doped AlPO₄-zeolites
B.V.Suresh kumar, H.R.Ravi, K.N.Prakash Narasimha
Materials Science – An Indian Journal, 12(6), pp.203-207 (2015)
 27. Air quality assessment by Modis Satellite Data in and around Sandur Taluk, Bellary District, South
India
B V Suresh Kumar, R K Sunil Kumar and K N Prakash Narasimha
Int. J. of Geology & Earth Sci., Vol. 1, No. 2, (2015).
 28. Water Quality Assessment in and Around Sandur Taluk, Bellary District, South India
B V Suresh Kumar, R K Sunil Kumar and K N Prakash Narasimha
Int. J. of Adv. Earth Science and Engineering 2016, Volume 5, Issue 1, pp. 325-332.
 29. Mafic Rock Hosted Vermiculite Occurrence from Ajjampalli area, Kolar Schist Belt, Eastern
Dharwar Craton, South India
Prakash Narasimha.K.N, Vishwanath R,Suresh Kumar B.V, and Manjunatha S.,

- Int. J. of Earth Science & Engineering, Vol. 09, No. 01, 2016, pp:150-156*
30. Comparative Study of Hydrothermally synthesized $\text{AlPO}_4\text{-5}$, Activated Carbon and the combination of Activated Carbon and $\text{AlPO}_4\text{-5}$ Filters in the treatment of Waste Water and Industrial Effluent
Sajan C.P, **Suresh Kumar B.V.**, Amol Naik
Water Conser.Sci.Eng., DOI 10.1007/s41101-016-0012-0., Sept. 2016
 31. Supercritical hydrothermal synthesis of polycrystalline gadolinium aluminum perovskite materials (GdAlO_3 , GAP), H.N. Girish, P Madhusudan, C P Sajan, **B V Suresh Kumar, K Byrappa**, DOI: 10.3934/mat.2017.3.540, *AIMS Material Science, 4(3): 540-550, 2017*
 32. Interpretation of Holenarasipura Schist belt using Remote Sensing and GIS techniques, **B V Suresh Kumar, Sreekantha**, In: *Proceedings of National Conference on Recent trends in Geoscience, Material science and Civil Engineering, Pp. 228-230, 23rd – 24th March 2017, Pub:Excel Publishers, New Delhi. ISBN:978-93-86256-67-6*
 33. Environmental Impact Assessment (EIA) and Assessment of Soil Loss in Sandur Taluk due to Mining Activity in and Around Bellary District, South India,
Suresh Kumar B.V., Sunil Kumar R.K., Kaliraj S.
International Journal of Advanced Earth Science and Engineering, 2017, Volume 6, Issue 1, pp. 587-595, ISSN: 2320–3609, Crossref: 10.23953/cloud.ijaese.316
 34. Room temperature X-ray and positron annihilation lifetime spectroscopic studies of cavansite crystals
B. V. Suresh Kumar, H. B. Ravikumar, A. P. Gnana Prakash, H. N. Girish, Tadashi Ishigaki, and Puttaswamy Madhusudan
Japanese Journal of Applied Physics 58, 110904 (2019)
 35. Grain size measurement of varied Soil particles by Sieve Analysis – A case study in Mysore District, South India
Nagendra P, Thanmaya B M, Samarth Urs M, Prakash Narasimha K N, **Suresh Kumar B V**
Journal of Engineering Sciences, Vol 11, Issue 2, FEB/2020 ISSN NO:0377-9254
 36. Geotechnical Analysis of the soils in and around Mysore, South India.
Nagendra P, **Suresh Kumar B.V**, Prakash Narasimha K.N, Thanmaya B M, Samarth Urs M and Nibiya N.T
Journal of Engineering Sciences Vol 11, Issue 6, June/ 2020 ISSN NO: 0377-9254
 37. Synthesis and Characterization of Calcium Zeolite-Cowlesite.
Abhijit M, **Suresh Kumar. B. V**
Journal of University of Shanghai for Science and Technology, ISSN: 1007-6735, Volume 23, Issue 5, May - 2021 Pp.787-790, <http://doi.org/10.51201/JUSST/21/05216>,
 38. Application of VES Techniques for Building Foundations in Mysuru city
Nagendra P, Samarth Urs M., Thanmaya B.M., Nibiya N.T., Prakash Narasimha K.N., **Suresh Kumar B.V.**
Bulletin of Pure and Applied Sciences. Vol.40F, Geology (Geological Science), No.1, January-June 2021: P.68-85, DOI: 10.5958/2320-3234.2021.00007.X, Print version ISSN 0970 4639 Online version ISSN 2320 3234
 39. The Casagrande method for determining the consistency of granitic soil
P. Nagendra, A.V. Ganesh, H.C. Hema, M. Samarth Urs, K.N. Prakash Narasimha, B.V. Suresh Kumar
Materials Today: Proceedings, 62 (2022) 5660-5664.
<https://doi.org/10.1016/j.matpr.2022.04.992> 2214-7853/

PAPERS PRESENTED IN NATIONAL/INTERNATIONAL SEMINARS/CONFERENCES/SYMPOSIUMS

1. Two days Symposium on Zeolites - Synthesis, Characterization and application.
K.Byrappa and B.V.Suresh Kumar
Dept. of Physics, Shivaji University, 10th and 11th October 1995, Kolhapur, India
2. Hydrothermal Synthesis of Aluminophosphate zeolites.
K Byrappa, and B V Suresh Kumar

- National Conference on Fundamentals of Crystal Growth, January 29-30, 1996, Crystal Growth Center, Anna University, Madras, India.
3. National Seminar on Neotectonic Movements and their Geoenvironmental Impacts. *Dept. of Geology, Manasagangotri, University of Mysore, Mysore, India, 1996.*
 4. Hydrothermal Synthesis and Characterization of Aluminophosphate zeolites
B V Suresh Kumar and K Byrappa
7th National Seminar on Crystal Growth, January 6-8, 1997, Crystal Research Center, Alagappa University, Karaikudi, India.
 5. Hydrothermal Synthesis and conductivity of Aluminophosphate zeolites
B V Suresh Kumar and K Byrappa
XXVIII National Seminar on Crystallography, September 24-26, 1997, School of Pure and Applied Physics, Mahatma Gandhi University, Kottayam, Kerala, India
 6. *Indian Geological Congress - XI Convention and National Seminar on Conceptual models on the evolution of "Granite - Greenstone belt Granulite Terrains and associated mineral Deposits" February 4-6 1998, Dept. of Geology, Manasagangotri, University of Mysore, Mysore, India.*
 7. Hydrothermal synthesis, electrical conductivity and catalysis reaction of Aluminophosphate zeolites
K Byrappa, M S Vijaya kumar, B V Suresh Kumar, S Anand, K M Lokanatha Rai
International School on Crystal Growth of technologically important electronic materials (ISCGTIEM) 20th - 27th Jan' 2003, Dept. of Studies in Geology, Manasagangotri, University of Mysore, Mysore, India.
 8. Hydrothermal Synthesis, Kinetic study and characterization of some selected AlPO_4 zeolites
M S Vijaya kumar, S Anand, K Byrappa, K M L Rai and B V Suresh Kumar
7th International Symposium on Hydrothermal Reactions, Dec. 14 – 18, 2003, Changchun, China
 9. Synthesis and characterization of some selected microporous aluminophosphate zeolites
K.Byrappa, B.V.Suresh Kumar, M.K.Devaraju, M.S.Vijaya Kumar, B.Basavalingu, S.Ananda, and K.M.Lokanatha Rai
6th International Conference on Solvothermal Reactions, Aug. 24-28, 2004, Dept. of Studies in Geology, Manasagangotri, University of Mysore, Mysore, India.
 10. Kinetic study of D-Glucose oxidation by Sodium-N-Chlorobenzene sulphonamide (Chloramine-B) with AlPO_4 -5 as a catalyst.
S. Ananda, K.B. Sudharani, K.Byrappa and B.V.Suresh Kumar
6th International Conference on Solvothermal Reactions, Aug. 24-28, 2004, Dept. of Studies in Geology, Manasagangotri, University of Mysore, Mysore, India.
 11. International Seminar on GeoInformatics-2004, Dec 13th to 14th 2004. Department of Studies in Geology, University of Mysore, Manasagangotri, Mysore 570006, India
 12. Hydrothermal Crystallization and Characterization of $\text{R}^{+3} : \text{VPI-5}$, where $\text{R}=\text{Ce}$, Pr and Nd K.Byrappa, B.V. Suresh Kumar, R.Somashekar, C.Ranganathaiah, R.Dinesh, K.M.Lokanatha Rai, and S.Ananda 16th Annual General Meeting and Symposium on "Materials for automotive Industries", Feb. 10-12, 2005, Material Research Society of India, National Chemical Laboratory, Pune, India
 13. Hydrothermal Crystallization and Characterization of $\text{R}^{+3}:\text{AlPO}_4$ zeolites, where $\text{R}=\text{Ce}$, Pr , Nd
K.Byrappa, B.V.Suresh Kumar, C.Ranganathaia, R.Somashekar, R.Dinesh, K.M.Lokanatha Rai and S.Ananda

- XX Congress of the International union of Crystallography, Florence, 23-31, August 2005.
14. *One Day workshop on “Stress Management” 16th July 2005 organized by UGC-Academic Staff College, University of Mysore, Manasagangotri, Mysore 570006, India.*
 15. *One Day Workshop on “Recent Applications Of Remote Sensing And Gis” April 4th, 2006, Department of Studies in Geology, University of Mysore, Manasagangotri, Mysore 570006, India*
 16. *Aluminophosphate zeolites encapsulating clusters of TiO₂ and ZnO under hydrothermal conditions.*
B.V.Suresh Kumar, K.Byrappa, C.Ranganathaiah, K.Soga and C.P.Sajan
 VIII International Symosium on Hydrothermal Reactions and VII International Conference on Solvothermal Reactions.
August 5th – 9th. 2006, Sendai, Japan
 17. *Preparation and Properties of Polyurethane-Zeolite composites*
M.B.Shayan, Siddaramaiah, K.S.Manjula, B.V.Suresh Kumar, K.Byrappa, C. Ranganathaiah
 VIII International Symosium on Hydrothermal Reactions and VII International Conference on Solvothermal Reactions.
August 5th – 9th. 2006, Sendai, Japan
 18. *Zeolite (AlPO₄-5) inhibition of D-Glucose oxidation by sodium-N-Chlorobenzene Sulphonamice (Chloramine-B) in NaOH medium: A kinetic study*
S. Ananda, R. Sudha Rani, B.V.Suresh Kumar, K.Byrappa
 VIII International Symosium on Hydrothermal Reactions and VII International Conference on Solvothermal Reactions.
August 5th – 9th. 2006, Sendai, Japan
 19. *Growth and Characterization of Zoisite Gem Mineral, B V Suresh Kumar, 9th PAC and 18th Group Monitoring Meeting of Dept. of Science and Technology (ESS), held at University of Jammu, 14-17 Dec 2006.*
 20. *Resent Trends in Earth Sciences, Golden Jubilee celebrations of the Geological Society of India, 12-13, October, 2008, Indian Institute of Science, Bangalore,*
 21. *FTIR and Electrical Properties of Polyurethane – zeolitic composites, B V Suresh Kumar, H R Ravi, K Byrappa, C Ranganathaiah, Siddaramaiah, M B Shayan and K S Manjula, 38th National Seminar on crystallography, 11-13, February, 2009, Dept. of Studies in Geology, University of Mysore, Manasagangotri, Mysore, India*
 22. *Synthesis and Characterization of Rare Earth Doped orthorhombic Yttrium aluminum Perovskites (YAP),*
B Basavalingu, H N Girish, B V Suresh Kumar, M A Shankara, K Byrappa
38th National Seminar on crystallography, 11-13, February, 2009, Dept. of Studies in Geology, University of Mysore, Manasagangotri, Mysore, India
 23. *Studies on Electrical Properties of Rare Earth Doped Aluminophosphate zeolites*
H R Ravi, B V Suresh Kumar, C Ranganathaiah, B Basavalingu, D Ravanna Siddaiah, K Byrappa
38th National Seminar on crystallography, 11-13, February, 2009, Dept. of Studies in Geology, University of Mysore, Manasagangotri, Mysore, India
 24. *National workshop on Rainwater Harvesting, February, 20-21, 2009, Organized by Dept. of Studies in Geology, Univ. of Mysore, Manasagangotri, Mysore, India*
 25. *National Workshop on Applied Geochemistry in Mineral exploration, February, 25-26, 2009, organized by Indian Society of Applied Geochemistry, Hyerabad, and Dept. of Studies in Geology, University of Mysore, India.*
 26. *Synthesis and Characterization of Calcium Aluminium Silicate (CAS) Crystals*
S Vasuki, B V Suresh Kumar, B Basavalingu, K Byrappa

- National Symposium on Geological Processes, Mineral and Fossil Fuel Exploration & National Symposium on Environmental Geology, November, 26-28, 2009, Organized by Dept. of Studies in Geology, Anna University, Chennai, India*
27. *National Workshop on Applied Mineralogy and Recent trends in Ore Processing, January, 29-30, 2010, Organized by Dept. of Mineral Processing, P.G. Centre, Nandihalli, Sandur, Gulbarga University, India.*
 28. *Three day workshop on Diffraction and Scattering, 26-28, February, 2010, Organized by Dept. of Studies in Physics, Univ. of Mysore, Indian Academy of Science, Bangalore, Indian National Science Academy, Delhi and National Academy of Sciences of India, Allahabad.*
 29. *One day National workshop on “Recent Trends of Research in Atomic Minerals” 27th July 2010 – organized by Dept. of Studies in Geology, Univ. of Mysore and Dept. of Atomic energy, Atomic Minerals Directorate, Hyderabad.*
 30. *Growth and Characterization of Zoisite Gem Mineral, B V Suresh Kumar, 12th PAC and 22nd Group Monitoring Meeting of Dept. of Science and Technology (ESS), held at Dept. of Geology, HNB Garhwal University, Srinagar, Garhwal, 11-14 Nov 2010.*
 31. *Climate change and Environmental Issues, One day state level seminar, 18th February 2011, Dept. of Geography, Maharaja’s College, University of Mysore, Mysore – 570005*
 32. *Thermoelectric properties of Zeolite particulate filler on the polyurethane composites – H R Ravi, B V Suresh Kumar, Siddaramaiah, H R Sreepad, K Byrappa
Recent Advances in Mineral Sciences and their applications, 17th and 18th March 2011, Dept. of Studies in Earth Science, University of Mysore, Manasagangotri, Mysore - 570006*
 33. *Synthesis and characterization of Calcium Aluminum Silicate Hydroxide crystals – S Vasuki, B Basavalingu, K Byrappa, B V Suresh Kumar
Recent Advances in Mineral Sciences and their applications, 17th and 18th March 2011, Dept. of Studies in Earth Science, University of Mysore, Manasagangotri, Mysore – 570006*
 34. *Remote Sensing and GIS techniques for Environmental Impact assessment, re-vegetation planning in minning sites of Sandur Schist belt, Bellary Dist, Karnataka, South India - R.K. Sunil Kumar, B.V.Suresh Kumar,
National Seminar on Geology, Mining, Processing, metallurgy and Environmental issues of Economic mineral deposits, April 30th – May 1st 2011– organized by Dept. of Mineral Processing, Vijayanagara Srikrishnadevaraya University, P.G.Center, Nandihalli-Sandur,*
 35. *Inter University Subject based Conference (2010-11), Organized by Vision Group of Science and Technology, Govt. of Karnataka and Dept. of Earth Science, Mangalore University, 27th-28th May 2011*
 36. *National Work shop on “Recent Advances in Sedimentary Basins and Associated Mineral Deposits of India”, 29-30th September-2011, Dept. of Studies in Earth Science, University of Mysore, Manasagangotri, Mysore – 570006*
 37. *Evaluation of transient changes and environmental impact assessment using remote sensing and GIS techniques in parts of Sandur Schist belt, South India
National Seminar on Geospacial and Ecological Mapping of Biodiversity Tools and Techniques, 2012, organized by Dept. of Studies in Earth Science, Univ. of Mysore, Mysore-570006, 30-31st May 2012*
 38. *International workshop on Magmatic Ore Deposits:, Organized by Geological Society of India, Bangalore, Geological Survey of India, Bangalore, Jadavpur University Kolkata & Dept. of Studies in Earth Science, Univ. of Mysore, Manasagangotri, Mysore. 1st to 8th Dec’2012*

39. Delineation of lithounits in and around Holenarasipur Schist belt, using Remote Sensing and GIS techniques, National Seminar on Current trends of Research in Precambrian Geology and Vision 2020 organized by Dept. of Studies in Earth Science, Univ. of Mysore, Mysore-570006, 20-21st March 2013
40. Geomorphology and morphometric analysis of Sandur Taluk, Karnataka, South India, using Remote Sensing and GIS techniques, National Seminar on Current trends of Research in Precambrian Geology and Vision 2020, organized by Dept. of Studies in Earth Science, Univ. of Mysore, Mysore-570006, 20-21st March 2013
41. VTU-International CANEUS Symposium on Aerospace and Energy Sectors (VICAS-2013) organized by Center for Nanotechnology, Visvesvaraya Technological University, Belgaum, in association with CANEUS International, Canada and National Design & Research Form (NDRF), India, 19th-20th April, 2013.
42. 7th International Earth Science Olympiad – 2013: Member, Sub Committee, Geosphere, Sept'11-19, 2013.
43. Assessment of Soil Erosion By Universal soil loss for Sandur taluk water shed, Karnataka, South India. International conference on “ Environmental Management for Sustainable Development” organised by Regional Science Association, Kolkata, India, Dept. of Geography, Karnatak Science College, Karnatak University. Dharwad 20-21, Dec'2013.
44. Workshop on Literature Review, organized by Mysore University Library, University of Mysore, 19th Dec'2013.
45. Technical workshop on Exploring SciFinder(Cheical Abstracts) for Scientific Research in Academia, organized by Mysore University Library, Dept. of Studies in Chemistry, University of Mysore, 4th Jan'2014.
46. Two Day workshop on “Multimedia teaching – Learning Resource Creation for on-line access” organized by Multimedia Learning Resource Creation Centre, University of Mysore, Manasagangotri, Mysore. 6th -7th Mar'2014.
47. One day National workshop on Precambrian Geology, organized by Dept. of Studies in Earth Science, Univ. of Mysore, Mysore, 29th Mar'2014
48. One day training program on Surveying using Total Station, organized by Dept. of Studies in Earth Science & Multimedia Learning Resource Creation Centre Univ. of Mysore, Mysore, 10th May'2014
49. Three day workshop on Handling of Scientific Equipment (Batch-II) – organized by Institution Of Excellence, Vijnana Bhavan, Univ. of Mysore, Mysore. 10th to 12th Sept'2014.
50. 10th Kannada Science Congress, Organizing committee member, organized by Swadeshi Vijnana Andolana-Karnataka and Univ. of Mysore, 15th – 17th September 2014
51. Compositional variations in Zeolites of Deccan Traps, Western Maharashtra, India, National Seminar on “Earth Resources Assessment And Management” 24th – 25th November 2015, Dept. of Applied Geology, Kuvempu University, Jnanasahyri, Shankaraghatta, Shimoga - 577451
52. 103rd Indian Science Congress, Dept. of Studies in Earth Science, Univ. of Mysore, 3rd – 7th January 2016

53. Three Days field workshop on Precambrian Geology, Organized by the Dept. of Studies in Earth Science, University of Mysore, during 26th, 27th and 28th March 2016.
54. Physico-Chemical Characteristics of Wollastonite associated with Deccan basalts, Western Maharashtra, India, International Conference on Science and Technology: Future Challenges and Solutions, organized by Indian JSPS Alumni association, held at University of Mysore, Mysore during 8th and 9th August 2016.
55. Wollastonite formation as a secondary mineral in Deccan basalt of Western Maharashtra, India., Key Note address. Organized by Indian Social Science Congress, at Dept. of Studies in Earth Science, Univ. of Mysore, Manasagangotri, Mysore, from 19-23, Dec' 2016
56. Zeolites – Characterization and Properties, Key Note Address. Organized by Dept. of Geology, Govindram Seksaria Science College, Belagavi, DST (SERB) Sponsored National Seminar on “Zeolites and allied Mineral deposits of India”, held on 6-7th October 2017
57. Positron Annihilation Lifetime Spectroscopic Studies of Cavansite Crystals, - Ravi Kumar H B, Munirathnamma L.M and **Suresh Kumar B V.**, National Seminar on Challenges and Opportunities in Earth Science Education and Research, held on 29th and 30th January 2018, organized by the Dept. of Studies in Earth Science, University of Mysore, Manasagangotri, Mysore – 6.
58. Geotechnical analysis of the soil in and around Mysore City – Nagendra P and **B V Suresh Kumar.**, National Seminar on Challenges and Opportunities in Earth Science Education and Research, held on 29th and 30th January 2018, organized by the Dept. of Studies in Earth Science, University of Mysore, Manasagangotri, Mysore – 6.
59. A Review on the Synthesis of Calcium Aluminosilicate Zeolites – Girish G and **Suresh Kumar B V.**, National Seminar on Challenges and Opportunities in Earth Science Education and Research, held on 29th and 30th January 2018, organized by the Dept. of Studies in Earth Science, University of Mysore, Manasagangotri, Mysore – 6.
60. Grain size measurement of varied soil particles by Sieve analysis – a case study in Mysore district, South India.
Nagendra P, Thanmaya B M, Samarth Urs M, Prakash Narasimha and **Suresh Kumar B V.**, Second International conference on Advanced Materials and Technology, held during 16th to 18th January 2020, organized by JSS Mahavidyapeetha, JSS Science and Technology University, Sri Jayachamarajendra college of Engineering, Mysore – 570006.

COMMUNITY SERVICES:

- 1) **NSS Co-Officer:** Annual Special camp, from 9-12-2005 to 18-12-2005, at Martikathanahalli, Mysore Taluk, Mysore.
- 2) **Secretary (2005-2006), 2013-till date:** Geological Society, Department of Studies in Geology, University of Mysore, Manasagangotri, Mysore - 570006
- 3) **Presiding Officer:** Karnataka State Legislative Assembly General Elections – May 2008

