

## **CURRICULUM-VITAE**



**Name** DR. S. SRIKANTASWAMY

**Permanent Address** #139, 'Manju Krupa' New Layout,  
Ittigegud, Mysore-10,  
India, Tel. 0821-538244

**Marital Status** Married, One Daughter

**Profession** Director, College Development Council  
University of Mysore

Chairman, Board of Studies  
Department of studies in Environmental Science  
University of Mysore

Coordinator, M.Tech in Materials Science,  
Vijnana Bhavana  
University of Mysore  
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**E-mail** [srikantas@hotmail.com](mailto:srikantas@hotmail.com)

**Education** Bachelor of Science (B.Sc.) University of Mysore  
1979 to 1982  
Master of Science (M.Sc.) University of Mysore  
1982 to 1984  
Doctor of Philosophy (Ph.D.)  
University of Mysore 1989

**Field of Specialization** Environmental Earth Science,  
Hydrothermal Technique of Crystal Growth.  
Materials Science – Carbon nanotube, Micro  
porous, Photocatalytic and Photochemical  
materials for water purification, Effluent  
treatment.

**Publication** Over 105 Research papers including one major  
Review in International Journals. Over 45  
papers presented in Conferences/Seminars held  
in India and abroad.

**Administrative experience** Director Collage Developement Council, July  
2016, to till.

Since June 2002 to July 2016, working as Faculty advisor for Men's Hostel, University of Mysore.

Worked as admission committee member for M.Sc., Students

Chairman BOS in Environmental Science December 2015 to Present.

Working as Board of Examiners Member and Chairman for University of Mysore and Tumkur University.

BOS and BOE Chairman for University of Mysore, and BOS member for Tumkur University and KSOU

### Professional Experience

28 Years of Research Experience in the field of Environmental Earth Science (EIA), Crystal Chemistry, Materials Science and Solid state Science.

24 Years of teaching Experience – Teaching graduate and Post- Graduate Courses.

### Research experience:

1985 - 1989	Research scholarship awarded by CSIR, New Delhi	Department of Geology Manasagangotri, University of Mysore, Mysore	During this tenure Ph.D., Degree obtained
1990 – 1994	Research Associateship awarded by UGC New Delhi	Department of Geology Manasagangotri, University of Mysore, Mysore	Post Doctoral - research &also PG teaching was Assigned
1994- till Date	Faculty Member of University of Mysore	At present working as Associate Professor, DOS in Environmental Science, Manasagangotri, Mysore	
1998 - 2000	Post-Doctoral Research	Research Institute for Solvothermal Technology Takamatsu, Japan	

**Distinction and Fellowship of**

**Dr.S.Srikantaswamy: Recipient of the Attractive Paper award in the IX International Conference on Crystal Growth, August 20-25, 1989, Sendai, Japan.**

**Ph.D. Degree Received in 1989:**

**Title of the Thesis:**

**Synthesis and Characterization of  $ABO_4$  Crystals (A= Al, Ga, Fe, Mn, B; B= P, V, As)**

**Projects completed:**

Sl. No.	Title of the Project	Funding Agency	Amount	Year (From-To)
1.	Carbon Materials	Japan Govt.	-	1998-2000
2.	Polymorphs of Carbon Materials	DST, New Delhi	32 Lakhs	2004-2007
3.	Industrial Pollution Abatement through preventives Strategies	MOE & F Govt. of India	28Lakhs	2008-2011
4	Speciation Of Heavy Metals And Their Geochemical Behaviour In Urban Waste Water- A Case Study Of Mysore City	UGC, New Delhi	Rs. 9, 76,800.	2010-2014
5	Water Sample analysis and Biodiversity studies in the water bodies of proposed Mysore-Nanjangud Local Planning Area	EMPRI, (Govt. of Karnataka)	Rs. 9,08,500=00	2014-2016

**Projects On-going:**

Sl. No	Title of the Project	Funding Agency	Amount	Year (From-To)	Expected date of completion
1	University With Potential for Excellence (UPE) and Center with Potential for	UGC	Rs. 60,00,00,000=00	2012-2017	Nov-2017

<b>Excellence in a Particular Area (CPEPA)</b>				
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- **Over 65 students have carried out project dissertation.**
- **Ph.D Degree: Seven students successfully completed their doctoral degree under my guidance**

**Ph,D Degree Complete candidates list:**

<b>Sl No</b>	<b>Candidate Name</b>	<b>Title of the research</b>	<b>Year of Award</b>
01	<b>Siamak Gholami</b>	Study of Water Pollution Assessment and Environmental Risk Management of Cauvery River at Krishna Raja Sagar Dam and its Downstream	2009
02	<b>Harish Kumara.B.K</b>	Study of Environmental flows and Ecological status in Tungabadra River, India	2011
03	<b>Shiva Kumar. D</b>	Geochemistry of Heavy metals and their Speciation study in soil of Industrial area of Mysore city, India	2013
04	<b>Shakunthala Bai</b>	Speciation of Heavy metals and their geochemical behavior in urban wastewater- a case study of Mysore city	2013
05	<b>Madhukar.R</b>	Environmental Impact Assessment Studies of Major Industries in Bidadi and Doddaballapur Area, Karnataka	2013
06	<b>Kiran.B.M</b>	Iron oxides as stabilizing agent for treating Heavy metals in Solid waste	2014
07	<b>Susheela S</b>	Geochemistry and Speciation of Heavy Metal in sediments of Cauvery river basin around KRS Dam, Karnataka, India	2016

- **Number of Ph.D candidates currently working : Ten**

**Conference/Seminar organized:**

<b>Sl. No.</b>	<b>Status as Organizer</b>	<b>Title of the conference/seminar</b>	<b>Date</b>
1	<b>Organizing Secretary</b>	International School on Crystal Growth of Technologically Important Electronic Materials	Jan 2003
2	<b>Organizing Secretary</b>	6 <sup>th</sup> International Conference on Solvothermal Reaction	Aug 2004
3	<b>Secretary and Treasurer</b>	National Conference on Current Trends in Environmental Science & Sustainable Development (NCESD – 2009)	Feb 27,28 2009

4	<b>Organizing Secretary</b>	Workshop on “Human-animal conflict and its ecological perspectives”	May 2013
5	<b>Organizing Secretary</b>	Special Lecture Series in Environmental Science	22 February 2014
6	<b>Organizing Secretary</b>	Special Lecture Series on Material Science	03 May 2014
7	<b>Organizing Secretary</b>	Seminar on Benefits of Nuclear and Material Sciences in day to day life (BNMS- 2015)	21 and 22 <sup>nd</sup> August 2015
8	<b>Organizing Member</b>	“103 <sup>rd</sup> Indian Science Congress 2016” Indian Science Congress Association	3-7 January 2016
9	<b>Convener</b>	31 <sup>st</sup> Inter University National Youth Festival	15 – 19 February, 2016

### Conference/Seminar Chaired:

Sl.No.	Title of the seminar	Organized by	Date
1	Symposium on Conservation and Management of River and lakes Ecosystems,	CES, IISc., Bangalore	Dec 22-24, 2008
2	National Conference on Current Trends in Environmental Science & Sustainable Development (NCESD – 2009)	University of Mysore	Feb 27,28 2009
3	Solvothermal Synthesis of Multiwalled Carbon nanotubes.	International Union for Materials Research Society. IISc, Bangalore	December 16-20, 2013
4	Application of Nanotechnology in Environmental Remediation	Tumkur University	October 7, 2015

### Papers presentation in the International Conference/Workshops/School held abroad:

1	Synthesis and Characterization of $AlPO_4:Nd$	XVI international Rare Earth Research Conference, Hamilton, Canada	June 9-12, 1986	presented the paper
2	Growth and Properties of New polymorphic modification of $AlPO_4$	8 <sup>th</sup> International Conference on Crystal Growth, York, U.K.	July 13-18, 1986,	presented the paper
3	Hydrothermal reactions of Carbon	International Conference on Diamond related materials,	Feb28 – march1,	Present the paper

		Tsukuba, Japan	1999,	
4	Hydrothermal reactions of Wood ceramics	I <sup>st</sup> Workshop on Soft Solution Process, TIT, Tokyo, Japan	March 1-4, 2000,	Present the paper
5	Photocatalytic Degradation of Phenol Using hydrothermally Prepared ZnO Impregnated onto The Activated Carbon	PCGMR Symposium, Nanotechnology For Advanced Materials, National Cheng Kung University, Tainan, Taiwan	September 23 <sup>rd</sup> -24 <sup>th</sup> 2011	Present the paper and got best presentation award
6	Biodegradation Of Dyes in Aqueous Solution Using Fungi	12 <sup>th</sup> IUMRS International Conference in Asia Taipei, Taiwan	September 19th -22 <sup>th</sup> 2011	Present the paper
7	Socio-Economic Impacts on Indigenous Population due to River water pollution of Cauvery river, Karnataka, India.	International conference Chiba, Japan.	14 <sup>th</sup> May-17 <sup>th</sup> May, 2014	Present the paper
8	Hydrothermal Synthesis of Nd <sub>2</sub> O <sub>3</sub> coated TiO <sub>2</sub> Nanomaterial for the Photocatalytic degradation of Indigo carmine dye.	International conference on Nanotechnology	22 <sup>rd</sup> April to 24 <sup>th</sup> April, 2016	Present the paper
9	Biomolecule-Mediated synthesis of Selenium Nanoparticles and its Charecterization.	International conference on Nanotechnology	22 <sup>rd</sup> April to 24 <sup>th</sup> April, 2016	Present the paper
10	Study of geochemical behavior of heavy metals in agricultural crops	ICER-006-PS-O-16, ICER-16, 8th International Congress of Environmental Research, Luebeck University of Applied Sciences, Luebeck, Germany, ISBN : 978-81-909379-8-6, (PIN : 909379 ; Category No : 5).	27-28 July, 2016	Paper Presented

**Papers presentation in the International Conference/Workshops/School held in India:**

1	Synthesis of a New proton Conductor – $\text{Nh}_4\text{Zr}_2\text{V}_5\text{O}_{12}$	Workshop on Material Science, IIT Kanpur	Feb28 – March 2, 1985	presented the paper
2	Influence of admixtures on the crystallization in Polymorphic transition of Piezoelectric Aluminum orthophosphate	Symposium on Crystal Growth, VECC, Calcutta	Jan 29-31, 1986,	presented the paper
3	Synthesis of Y:AlPO4	3 <sup>rd</sup> National Seminar on Crystal Growth Anna Univ. Madras.	Feb. 16-19, 1987,	presented the paper
4	Thermal Expansion of Berlinite Crystals	XIX National Seminar on Crystallography, Chengancherry, Kerala.	Dec.18-20, 1987,	presented the paper
5	Frequency dependent conductivity of a New Superionic conductor – $(\text{NH}_4)\text{Zr}_2\text{VO}_{17}$	Symposium on Solid State Physics, BARC, Bombay.	Dec 27-31, 1987,	presented the paper
6	Thermodynamic characteristic of Berlinite crystals	IV National Seminar on Crystal Growth, Madras	Nov 18-20, 1990,	presented the paper
7	Hydrothermal synthesis of Hexaferrite compounds	IV National Seminar on Crystal Growth, , Madras.	Nov 18-20, 1990	presented the paper
8	The effect of Mixed Solvents on the Solubility and Growth of piezoelectric Berlinite	IV National Seminar on Crystal Growth, Madras	Nov 18-20, 1990,	presented the paper
9	Synthesis of AlPO4 – Ceramic Binders	Conference on Oxide Ceramics and Technology, Kolhapur	Feb. 21-23, 1991	presented the paper
10	Hydrothermal Synthesis and Characterization of Hexaferrites	XXII National Seminar on Crystallography, Jaipur, Rajasthan.	March 23-25, 1992	presented the paper
11	Stability and behaviour of Carbon nanotube under Hydrothermal conditions	International School on Crystal Growth of Technologically Important Electronic Materials, Mysore	January 20-28, 2003,	presented the paper
12	Hydrothermal Impregnation of	International School on Crystal Growth of	January 20-28, 2003,	presented the paper

	particulates on Activated Carbon	Technologically Important Electronic Materials, Mysore		
13	Hydrothermal Carbons	6 <sup>th</sup> International Conference on Solvothermal Reactions, Mysore	August 24-28, 2005	presented the paper
14	Single Wall Carbon Nanotube transformation into Multiwall Carbon Nanotube and Carbon Nanocells under Hydrothermal treatment	6 <sup>th</sup> International Conference on Solvothermal Reactions Mysore.	August 24-28, 2005,	presented the paper
15	Mapping of Renewable Energy Resources using GIS	International Seminar on Geoinformatics – 2004, Mysore	Dec 13- 14, 2004	presented the paper
16	Ground water assessment study in parts of Mysore city around industrial area	International Conference on Water and Health SJCE, Mysore, Mysore	22 <sup>nd</sup> – 23 <sup>rd</sup> January 2005,	presented the paper
17	Study of stability of Carbonized wood materials by hydrothermal method	National Symposium on Bio-Organic and Medicinal Chemistry (NSBM) DOS in Chemistry, Univ. of Mysore,	5 <sup>th</sup> – 7 <sup>th</sup> October 2005	presented the paper
18	Photocatalytic degradation of Carmine dye using Nd <sub>2</sub> O <sub>3</sub> – TiO <sub>2</sub>	National Workshop on Catalysis Bangalore	8 <sup>th</sup> -10 <sup>th</sup> Feb 2007	presented the paper
19	Photocatalytic Degradation of Phenol using hydrothermally prepared ZnO impregnated onto the activated carbon	National Conference in Chemistry	27 <sup>th</sup> - 29 <sup>th</sup> September 2006	Participated
20	The degradation of pesticide in Wastewater using Hydrothermally prepared TiO <sub>2</sub>	National Conference in Chemistry	27 <sup>th</sup> - 29 <sup>th</sup> September 2006	Participated
21	An Assessment of Water Quality SEFIDROD river in Iran after Removal of Silt	International Conference on Environmental Education	Aug 23–26 2007	Presented paper
22	Catalysis	Bangalore Institute of Technology	October 8 <sup>th</sup> 2007	Participated
23	Photocatalytic degradation of phenol using	National Workshop on Catalysis	8 <sup>th</sup> -10 <sup>th</sup> Feb 2008	Participated



	hydrothermally prepared ZnO impregnated onto the activated carbon	Bangalore		
24	Waste water treatment and Management in Urban areas – a case study of Mysore city	Symposium on Conservation and Management of River and lakes Ecosystems, CES, I I Sc., Bangalore	Dec 22- 24 2008	presented the paper
25	Organized by RMP, Mysore	Industrial application of Radioactivity and Ionizing Radiations,	Nov 22 2008	Participated
26	Characteristics of Urban Wastewater- a case study of Mysore city	National Conference on Current Trends in Environmental Science & Sustainable Development (NCESD – 2009)	Feb 27,28 2009	presented the paper presented the paper
27	Study of Heavy Metals in Sediments of Urban Wastewater of Mysore	Recent Advances in Mineral Sciences and Their Applications	March 17 <sup>th</sup> -18 <sup>th</sup> , 2011	Presented the Paper
28	Environment Flow requirement – A case study of Tungabhadra river basin	Recent Advances in Mineral Sciences and Their Applications	March 17 <sup>th</sup> -18 <sup>th</sup> , 2011	Participated
29	Solvothermal Synthesis of Multiwalled Carbon nanotubes.	International Union for Materials Research Society. IISc, Bangalore	December 16-20, 2013	Participated
30	102 <sup>nd</sup> Indian Science Congress 2016” Indian Science Congress Association	University of Mumbai	January 3 <sup>rd</sup> to 7 <sup>th</sup> , 2015	Participated
31	Kannada Vijnana Sammelana	University of Mysore	15 <sup>th</sup> to 17 <sup>th</sup> Sep 2014	Participated
32	Geochemical behavior of Heavy metal in Urban Wastewater treatment plants of Mysore city, India	National Conference on Pure and Applied Chemistry, University of Mysore	29 <sup>th</sup> to 31 <sup>th</sup> Dec 2014	Presented the posters
33	Hydrothermal synthesis of multiwall carbon nanotubes using polystyrene.	National Conference on Pure and Applied Chemistry, University of Mysore	29 <sup>th</sup> to 31 <sup>th</sup> Dec 2014	Presented the posters
34	Application of Nanotechnology in Environmental Remediation	Application of Nanotechnology in Environmental Remediation, Tumkur University	October 7, 2015	Participated

35	103 <sup>rd</sup> Indian Science Congress 2016” Indian Science Congress Association	University of Mysore	January 3 <sup>rd</sup> to 7 <sup>th</sup> , 2016	Organizing Member
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- **Hobbies: Photography, Music, Games (Cricket and Hockey) and reading.**
- **Other Activity: I am very much active in any of the Curriculum of the University Mysore, Presently working as Faculty Adviser for the Post graduate Hostel, Manasagangothri, Mysore.**

#### **Delivered Lectures:**

1. **Delivered expert lecture Conference of “Nanotechnology for Environmental Management” and “Chemometrics in Environmental analysis” and 18<sup>th</sup> December 2009, during AICTE sponsored staff development programme on water quality Data, organized by the Department of Civil Engineering, Centre for Environmental Engineering, R.V. College of Engineering, Bangalore.**
2. **Delivered a lecture on “Nanomaterials and their application’ during the Refresher course on Material Science conducted by Academic Staff college, University of Mysore on 31<sup>st</sup> March 2009.**
3. **Participated in CDSS programme of University of Mysore and delivered lectures regarding awareness of Science.**
4. **Participated in the Team meeting on Vision group of Science and Technology of Karnataka, held at Department of Geology, Bangalore University, during 18<sup>th</sup> and 19<sup>th</sup> March 2010.**
5. **Delivered Lecture on “Applications of Carbon Nanotubes” in State level Conference held at Field Marshal K.M.Kariappa College, Madikeri. Organized by Department of Science and Technology during Feb-28-2015.**
6. **Delivered a Invited talk on “Current trend in the processing of carbon nanotube and their application” in National conference on “Application of Nanotechnology in Environmental remediation” conducted by University of Tumkur on October 7, 2015.**
7. **Delivered a Invited talk on “current trends in the processing of carbon nanotubes and their applications” in National conference on “Application of**

**Nanotechnology in Environmental remediation” conducted by University of Tumkur on October 7, 2015.**

- 8. Delivered a Invited talk on “Current treand in the processing of carbon nanotube and their application” in National conference on “Application of Nanotechnology in Environmental remediation” conducted by Unoversity of Tumkur on October 7, 2015.**
- 9. Delivered a lecture on “Nanomaterials and their application’ and “Environmental Science related topics” during the Refresher course on Material Science and Environmental Science, conducted by Academic Staff college, University of Mysore on 2009 to till on varies workshops, Refresher courses, etc.**

#### **LIST OF PUBLICATIONS (National and International)**

1. Influence of Admixtures on the Crystallization and Morphology of  $\text{AlPO}_4$  Crystals.  
K. Byrappa, **S. Srikantaswamy**, G.S. Gopalakrishna and V. Venkatachalapathy, J.Mat.Sci. vol21, (1986) 2202-2206, U.K. **(IP-2.015)**
2. Influence of Admixtures on the alpha-beta Berlinite Inversion.  
K. Byrappa, **S. Srikantaswamy**, G.S. Gopalakrishna and V. Venkatachalapathi J.Mat.Sci.Letts.vol 5, (1986) 347-348, U.K. **(IP-2.015)**
3. Infrared Spectra of Aluminum Orthophosphate Crystals.  
K. Byrappa, **S. Srikantaswamy**, G.S. Gopalakrishna and V. Venkatachalapathy, J.Mat.Sci.Letts.5, (1986) 203-205, U.K.4. **(IP-2.015)**
4. Influence of Admixtures on the Crystallization & polymorphic Transitions of Piezoelectric Aluminum Orthophosphate Crystals.  
K. Byrappa, **S. Srikantaswamy** and J. Shashidhara Prasad, Indian Journal of Physics, 61A (1987) 423. **(IP-2.015)**
5. X-Ray Data for  $\text{AlPO}_4$  Crystals.  
K. Byrappa, J. Shashidhara Prasad and **S. Srikantaswamy**, J.Mat.Sci.Letts.5, 1986 495.U.K. **(IP-2.015)**
6. New Polymorphic Modification of Aluminum Orthophosphate.  
**S. Srikantaswamy**, K. Byrappa, and J. Shashidhara Prasad, J.Mat.Sci.Letts. 5, 1986 690-692 U.K. **(IP-1.8)**

7. Crystal Data for  $\text{NaNi}_2\text{ZrP}_3\text{O}_{12}$  and  $\text{Na}_2(\text{La}, \text{Al})\text{TiP}_3\text{O}_{12}$  Crystals.  
K. Byrappa, J. Shashidhara Prasad, **S. Srikantaswamy** and G.S. Gopalakrishna  
J.Mat.Sci.Letters 5, 1986 701-702, U.K. **(IP-2.015)**
8. Synthesis and characterization of New superionic conductors in  $\text{NaCu}_2\text{ZrP}_3\text{O}_{12}$  and  $\text{Na}_2(\text{La}, \text{Fe})\text{ZrP}_3\text{O}_{12}$  crystals.  
K. Byrappa, G.S. Gopalakrishna, **S. Srikantaswamy**, A.B. Kulkarni and J. Shashidhara Prasad, Solid State Ionics 24., (1987) 1 –8, Holland. **(IP-2.82)**
9. Crystal Data for  $\text{Na}_2(\text{R}, \text{Me})\text{ZrP}_3\text{O}_{13}$  and  $\text{Na}_2\text{LaZrP}_3\text{O}_{12}$ .  
K. Byrappa, J. Shashidhara Prasad, **S. Srikantaswamy** and G.S. Gopalakrishna  
J.Mat.Sci.Letters.5, 1986 1104, U.K. **(IP-2.015)**
10. Crystal Data for  $\text{NaMn}_2\text{ZrP}_3\text{O}_{12}$ ,  $\text{Na}_2(\text{Ce}, \text{Co})\text{ZrP}_3\text{O}_{12}$  and  $\text{Na}(\text{La}, \text{Co})\text{Ti}_3\text{O}_{12}$ .  
K. Byrappa, J. Shashidhara Prasad, **S. Srikantaswamy** and G.S. Gopalakrishna,  
J.Mat.Sci.letters.5, 1986 1081, U.K. **(IP-2.015)**
11. Synthesis and characterization of New Polymorphic Modification of  $\text{AlPO}_4$ .  
K. Byrappa, **S. Srikantaswamy** and J. Shashidhara Prasad,  
J.Crystal Growth 79, 1986 232, HOLLAND. **(IP-1.9)**
12. High Temperature X-ray Diffraction Studies of Berlinite Crystals.  
K. Byrappa, J. Shashidhara Prasad and **S. Srikantaswamy**  
J.mat.Sci.Letters.5, 1986, 1189, U.K. **(IP-1.8)**
13. Ionic Conductivity Measurements for: M (M Li, Na) crystals.  
K. Byrappa, A.B. Kulkarni, **S. AlPO<sub>4</sub>Srikantaswamy** and N.B. Desai  
J.Mat.Sci.letters.6, (1987) 353-358, U.K. **(IP-2.015)**
14. High Temperature X-Ray Diffraction Studies of the New Polymorphic Modification of  $\text{AlPO}_4$ .  
K. Byrappa, **S. Srikantaswamy** N.B. Desai and A.B. Kulkarni, Indian Journal of Physics 62A, 1987 353-358. **(IP-1.411)**
15.  $\text{NH}_4\text{Zr}_2\text{V}_3\text{O}_{12}$ , Proton Conductor.  
K. Byrappa, N.B. Desai, A.B. Kulkarni and **S. Srikantaswamy**  
Bull.Mat.Sci, .9, 1987 323, India. **(IP-0.944)**
16. Frequency Dependent Conductivity of a New Superionic Conductor:  
 $\text{NH}_4\text{Zr}_2\text{V}_3\text{O}_{12}$ .

- A.B. Kulkarni, N.B. Desai, S.K. Patil, K. Byrappa, G.S. Gopalakrishna and **S.SrikantaSwamy**, Proc.Solid State Physics Symposium, Dec27-31, 1987 Bombay.
17. Hydrothermal synthesis and characterization of  $\text{AlPO}_4$ : Nd crystals.  
K. Byrappa, **S. Srikantaswamy** and Salvador Gali, J. of the Less common metlas, vol 127. 1987, 263 -264. **(IP-2.015)**
  18. Hydrothermal Synthesis and Structure of  $\text{TmP}_5\text{O}_{14}$ .  
K. Byrappa, **S. Srikantaswamy** and Salvador Gali, J.mat.Sci.letts.9, 1990 235-236. U.K. **(IP-2.015)**
  19. Micromorphology of As grown surface of Berlinite.  
K. Byrappa, **S. Srikantaswamy** and K. Sangwal, Indian Journal of Physics, 63A, 1991, 25-35. **(IP-1.411)**
  20. Recent progress in the Growth and Characterization of Aluminum Orthophosphate.  
K. Byrappa and **S. Srikantaswamy**, Prog. Crystal Growth and Charact. Vol 21, 1990, Pergamon Press, Oxford, 1991, 254, UK. **(IP-9.25)**
  21. Synthesis and Characterization of  $\text{AlPO}_4$ : Nd.  
K. Byrappa and **S. Srikantaswamy**, Proc. XVI Intl. Rare Earth Research Conference, McMaster Univ. press, 1986, Hamilton, Canada.
  22. Conductivity Pre-exponential factors for some New Superionic Conductore.  
N.B. Desai, K. Byrappa, G.S. Gopalakrishna, **S. Srikantaswamy** and A.B. Kulkarni, Bull. Mater. Sci. 10 (3), 1987 1-7, India. **(IP-0.944)**
  23. Growth and Characterization of Some Vanadates.  
K. Byrappa, G.S. Gopalakrishna, **S. Srikantaswamy** and A.B. Kulkarni  
Crystal growth, Ed.P.Ramaswamy, Anna Univ. Press, 1987, 50-54.
  24. Artificial Growth of some piezoelectric mineral – Berlinite and Diamignite.  
K. Byrappa, **S. Srikantaswamy**, K.V.K. Shekar and Amita Jain, Indian Journal of Earth Sciences, 20(2), 1993 71-76.
  25. Carbon nanocells and nanotubes grown in Hydrothermal fluids.  
Jose M. Calderon Moreno, **S.Srikantaswamy**, Takahiro Fujino, Masahiro Yoshimura, Chem. Physics Letters, 329, 2000, 317-322. **(IP-1.677)**

26. Study of Single Wall Carbon Nanotubes under Hydrothermal Conditions.  
**S.Srikantaswamy** and Masahiro Yoshimura, Proc. Joint ISHR and ICSTR, ZP-30, 2000, Japan.
27. Stability of Single Wall Carbon Nanotubes under Hydrothermal conditions.  
**S.Srikantaswamy**, Jose M. Calderon Moreno and Masahiro Yoshimura,  
*J. Mater. Res.* 17, No.4, 2002, 734-737. **(IP-1.579)**
28. Phase and structural change of carbonized wood materials by hydrothermal.  
Takahiro Fujino, Jose M. Calderon Moreno, **S. Srikantaswamy**, Takashi Hirose  
and Masahiro Yoshimura, *Solid State Ionics*, 151, (2002) 197-203. **(IP-3.02)**
29. Evolution of single-wall carbon nanotubes during hydrothermal treatment.  
Jose M. Calderon Moreno, **S.Srikantaswamy**, and Masahiro Yoshimura,  
*Solid State Ionics*, 151, (2002) 202-213. **(IP-3.02)**
30. Stability and behaviour of Carbon nanotube under Hydrothermal conditions.  
**S. Srikantaswamy**, M. Yoshimura, K. Byrappa, B. Basavalingu and A.K.  
Subramani, Proc.International School on Crystal Growth of Technologically  
Important Electronic, Published by Allied publisher (2003), pp285-290. Edited  
by K.Byrappa, T.Ohachi, M.Klapper and R.Fornari.
31. Hydrothermal Impregnation of particulates on Activated Carbon.  
K. Byrappa, A.K. Subramani, K.M.L. Rai, B. Basavalingu, S. Ananda and  
**S.Srikantaswamy**, Proc. International School on Crystal Growth of  
Technologically Important Electronic, Published by Allied publisher (2003), pp.  
291-297 Edited by K.Byrappa, T.Ohachi, M.Klapper and R.Fornari.
32. Assessment of Groundwater status around Industrial areas of Mysore City.  
Karnataka, India, **S.Srikantaswamy**, P.H. Krishne gowda and T. Raghunath, *J of  
Ecotoxicology & Env. Monitoring*, Vol 17, N0 5, 2007, P 463-471.
33. The study of Phytoplankton dynamics in two Lakes of Mysore district, India.  
B. M. Sudeep, **S.Srikantaswamy** and Shanker P. Hosamani, *Nature  
Environment and Pollution Technology*, Vol 7, No. 4, (2008) pp. 697 -702. **(IP-  
1.612)**
34. Assessment of seasonal variation of drinking water quality in Mysore city,  
Karnataka State, India.

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