

## CURRICULUM VITAE OF FACULTY .



<b>1</b>	<b>Name</b>	<b>Dr.T.S. JAGADEESH KUMAR</b>
	Educational Qualification	<b>M.Sc., M.Phil. Ph.D.</b>
	Designation	Assistant Professor (Stage III)
	Address for communication	DOS in Sericulture Science Manasagangothri University of Mysore Mysore – 570006
	Permanent address	# 5696, III <sup>rd</sup> Cross II Stage, Vijayanagar Mysore – 570017 Mobile ; 91+9448979287 0821-2419711 / 714(o)
<b>2</b>	Teaching and Research experience	Fifteen (15) years Department of Studies in Sericulture Manasagangothri, University of Mysore Mysore -570006
<b>3</b>	Area of Specialization in the field of Research	Silkworm Physiology and Biochemistry Molecular Biology and Biotechnology
	Research experience	Fifteen (15) years
	Research Papers Presented	Annexure - 1A

**Candidate successfully guided - 01 (2010)**

**Candidates presently working - 03**

- 1. B.S.Nagendrardhya**
- 2. Ramya .M.N.**
- 3. Maryam Talebi Haghighi**

## 2. Educational Qualification.

Serial number	Degree / Qualifications	College /university	Subject Studied	Year
1	B.Sc.	Second Class.	CZS	1993
2	M.Sc.,	Third Rank with Distinction	Sericulture	1996
3	M.Phil.	Distinction	Seed Technology	1997
4	SLET	Qualified	Sericulture	1998
5	Pre-Ph.D.	Qualified	Sericulture	1999
6	Ph.D.	Awarded	Sericulture	2006

## 3. Academic and Administrative Experiences ;

Sl No;	Academic Bodies	Subject	Chairman / Member	Year
1	Faculty of Science and Technology	Sericulture	Member	1999 -2008
2	Board of Studies	Sericulture	Member	2007 till date
3	Board of Studies	Sericulture	Chairman	1.11.2008 to 30.12.2008.
4	Department of Studies	Sericulture	Chairman	1.11.2008 to 30.12.2008.
5	Board of Examination	Sericulture	Chairman	2007 - 08 . 2009- 10 2012-13
6	Board of Examination	Sericulture Technology CSR&TI Mysore	Chairman	2007 -08 , 2009- 2010
7	Board of Examination	Sericulture	Member	2008-09

<b>8</b>	Board of Examination	Sericulture Technology CSR&TI Mysore	Member	2008 - 09
<b>9</b>	Board of Examination	Sericulture	Member	2010 - till date
<b>10</b>	ISCA	Science Congress	Life member	Since 1999
<b>11</b>	ISCAP	Animal Physiology	Life member	Since 2005
<b>12</b>	NASSI	Sericulture	Life member	Since 1999

#### **4. Refresher Course and Orientation Programme attended;**

<b>Course Attended</b>	<b>From - To</b>	<b>Grade awarded</b>	<b>Organized by UGC -Academic Staff College,</b>
Refresher Course in Zoology	27.6.2001 to 17.7.2001	A	UGC -Academic Staff College, University of Mysore, Mysore.
Orientation Programme	27.11.2002 to 24.12. 2002	A	UGC -Academic Staff College, University of Mysore, Mysore .
Refresher Course in Life science	25.10.2006 to 14-11-2006	A	UGC -Academic Staff College, University of Kerala. Trivendrum, Kerala
Refresher Course in Environmental Studies	27.7.2008 to 16.8.2008	A	UGC -Academic Staff College, Osmania University, Hyderabad.
Refresher Course in Computer applications	03.1.2013 to 23.1.2013	A	UGC -Academic Staff College, University of Calicut Calicut.

#### **5. Adjudication of the thesis for the award of Ph.D degree in Sericulture**

- 1. Temporal Changes in Biochemical Composition of Haemolymph of Selected Silkworm Breeds** has evaluated as a **internal examiner** for the candidate Firdose Ahmed Mailk, University of Mysore, Manasagangothri, Mysore.

2. **Phylloplane Microflora of Mulberry a source of inoculum to bacterial and fungal diseases of Silkworm and their Management through Botanicals** as external examiner for the candidate S. Sarithi Kumari. Department of Sericulture, University of Agricultural Science, Gandhi Krishi ,Vignana Kendra, Bangalore
3. **Some aspects of physiology of nutrition and thermal stress on growth , development and reproduction in eri silkworm , *Philosmia ricini*** for the candidate Somappa .G. Lamani Department of Zoology Karnataka University Dhawad
4. **Change in pace and pattern of mulberry sericulture industry in India – an Empirical analysis** for the candidate Manjunath.M Department of Sericulture, University of Agricultural Science, Gandhi Krishi ,Vignana Kendra, Bangalore

#### **PROJECT WORK GUIDED FOR P.G. STUDENTS**

1. **Ragavendra M.(2011)** carried out the Project work on“ Application of hormonal mimic for the improvement of post cocoon characters of the bivoltine hybrids of mulberry silkworm, *Bombyx mori* L. ”
2. **Likhith Gowda. M.(2012)** carried out the Project work on “Studies on influence of synthetic hormonal drugs on biochemical constituents of selected tissues of robust bivoltine hybrids of the silkworm, *Bombyx mori* L”.
3. **Sarungbam Elizabeth devi.(2012)** carried out a Project work on “Comparative analysis of fat body metabolics in relation to adults longevity, morphometric of bivoltine and multivoltine races / breeds of mulberry silkworm, *Bombyx mori* L”.
- 4 . **Likhith Gowda. M. (2013)** carried out the Project work on “ Studies on temporal biochemical changes in selected tissues of the silkworm under imposed photoperiodic schedules
5. **H. Ningegowda Manu (2013)** carried out the Project work on Evaluation of consumption indices of cholesterol fortified mulberry leaf as a nutritive additives for the improvement of economic traits of the silkworm hybrids
6. **Henwalo lorin (2013)** carried out the Project work on Foliar applications of ascorbic acid (Vit-C) as feeding additives and economic characters of the silkworm, *Bombyx mori* L.

### **Research Paper Published in National and International Journals**

**Jagadeesh Kumar T.S and S. Lokesh (1999) Evaluation of seed mycoflora of tomato and their management in vitro, seed research** vol 27(2) 181-184.

Pezhman Nabizadeh and **Jagadeesh Kumar T.S (2010) Thermal stress induced catalase activity level in selected bivoltine breeds of the mulberry, silkworm, *Bombyx mori* L.** Modern Applied sciences vol. 4 (8) 88-95

Pezhman Nabizadeh and **Jagadeesh Kumar T.S (2010) Effect of imposed them of stress on ontogenic temporal changes in protein levels in tissues of the Mulberry silkworm.** Indian Journal of Comparative Animal Physiology vol 28(1) 69-75.

Pezhman Nalizadeh and **T.S.Jagadeesh Kumar (2011) Fatbody catalase activity as a biochemical index for recognition of thermal tolerant mulberry silkworm breeds.** Journal of Thermal Biology (36) 1-6.

**Jagadeesh Kumar T.S and Y.Srinivasa Reddy ( 2010) Nutritional and medicinal values of mulberry** Souvenir, U.G.C Sponsored National Seminar on Ethno botany (medicinal plants) 26- 27<sup>th</sup> Feb 2010

**Jagadeesh Kumar T.S, Pezhman Nabizadeh and Y.Srinivasa Reddy (2008) Improvement in breed performance by photoperiod and temperature regimes and heterosis manifestation of improved breeds in the silkworm, *Bombyx mori*. L.** Scenario of senbiotechnological research in India.

**Firdose Ahmad Malik, T. S. Jagadeesh Kumar and Y. Srinivasa Reddy (2011): Changes in haemolymph protein and amino acid levels in relation to mulberry nutrition, silkworm races and larval growth rate.** Journal of Sericulture and Technology, vol.2,(1) 51-55.

**B.S.Nagendraradhya and T. S.Jagadeesh Kumar (2013) Effect of topical administration of JH mimic and performance of qualitative and quantitative traits of **CSR<sub>2</sub>** and **MG<sub>408</sub>** bivoltine breeds of the silkworm, *Bombyx mori* L.** International journal of science environment and technology Vol 2 ( 2) 185 – 195.

**B.S.Nagendraradhya and T. S. Jagadeesh Kumar (2013 ) Synthetic Juvenile Hormone Mediated Enhancement and Manifestation of Commercial Traits Of **CSR<sub>2</sub>** X **MG<sub>408</sub>** and **CSR<sub>4</sub>** X **MU<sub>852</sub>** Productive Bivoltine Silkworm Hybrids** International journal of Advanced life sciences (IJALS) Vol 6, ( 2 ) 93-101.

**T.S.Jagadeesh Kumar (2013) Molecular dynamics of genomic DNA of silkworm breeds for screening under higher temperature regimes utilising ISSR- primers .**International Journal of science. environment and technology Vol 2, (2). 275-285.

**Likhith gowda. M. and T. S. Jagadeesh Kumar (2013)** Impact of adrenaline and insulin titers on mitochondrial dehydrogenase in haemolymph of  $CSR_2 \times CSR_4$  and  $FC_1 \times FC_2$  silkworm hybrids .Journal of International Academic Research for Multidisciplinary (JIARM) Vol 1,(2) 35 - 41,

**Ramya. M.N. and T. S. Jagadeesh Kumar (2013)** Correlation of changes in fat body protein fluxes in relation to adult longevity of multivoltine and bivoltine silkworm strains (2013) Journal of International Academic Research for Multidisciplinary (JIARM) Vol 1, (2) 75 - 83.

## **Annexure – 1 A**

### **Presentation of Research Papers in the National and International Conferences**

1. **Jagadeesh Kumar, T.S. and Srinivasa Reddy, Y. (2005)** Racial Differences in Fuel Reserves during Different Developmental Stages of *Bombyx mori* Exposed to Different Photoperiod and Temperatures Regimes held 14-16 November 2005 at 22<sup>nd</sup> Conference on Comparative Animal Physiology and Stress Physiology, Osmania University, Hyderabad.
2. **Sannappa, B., Ramakrishna Naika, Govindan, R., Jagadeesh Kumar, T.S. and Venkataramana, G.V. (2005)** Growth and Yield traits of Mulberry as influenced by different levels of Vermicompost. National Seminar of Composting and Vermicomposting, Central Sericultural Research Training Institute, Mysore.
3. **Jagadeesh Kumar, T.S. and Srinivasa Reddy, Y. (2006)** Influence of Photo Period and Temperature on Changes in Fuel Reserves During Embryonic Development in Selected Races of Silkworm, *Bombyx mori* L. National conference on new strategies in R & D of Sericulture – Indian Perspective held on 9<sup>th</sup> - 10<sup>th</sup> March 2006, Bangalore University , Bangalore
4. **Jagadeesh Kumar, T.S. and Srinivasa Reddy, Y. (2008)** Studies on the effects of photoperiod and temperatures regimes on the activity of dehydrogenases in selected races of silkworm *Bombyx mori*, L. National Conference of Indian Society for Comparative Animal Physiology on biotechnological strategies for biodiversity conservation held on 13 -15<sup>th</sup> March 2008 at Department of P.G. Studies in Applied Zoology and Microbiology Jnana Sahyardi Shankarghatta - 577451, Kuvempu University Shimoga -06
5. **Jagadeesh Kumar, T.S. and Srinivasa Reddy, Y. (2008)** Studies on the metabolic basis of heterosis in hybrids of Improved Silkworm Breeds International Conference on Trends in Seribiotechnology held on 27-29<sup>th</sup> March 2008 at Department of Sericulture, Sri Krishnadevaraya University, Anathpur Andrapradesh

6. **Jagadeesh Kumar, T.S., Pezhman Nabizadeh and Y.Srinivasa Reddy(2008)**  
Improvement in Breed Performance by Photoperiod and Temperature Regimes and Heterosis Manifestation by Improved Breeds of Silkworm *Bombyx mori* L. National Seminar on Scenario of Seri Biotechnological Research India held on 28<sup>th</sup> – 30<sup>th</sup> Aug 2008, Department of Sericulture, Sri Padmavathi Mahila University, Tirupati Andhra Pradesh.
7. **Jagadeesh Kumar. T.S and Y. Srinivasa Reddy (2009)** Seasonal Impact of Imposed Environmental Stress Components on Fecundity and Hatching Percentage in Different Voltinistic Groups of the Silkworm *Bombyx mori* L.” National Conference on Current Trends in Environmental science and Sustainable Development held on 27<sup>th</sup>–28<sup>th</sup> February 2009, DOS in Environmental Science, University of Mysore Mysore.-570006
8. **Jagadeesh Kumar, T.S., B.S.Nagendrardhya and SrinivasaReddy,Y.(2009)**  
Physiological Investigation in Relation to Stress Factors and Changes in Enzyme Profiles in Selected Tissues in Different Voltinistic Groups of Silkworm, *Bombyx mori* L. Workshop on Seri Biodiversity and Conservation held on 6<sup>th</sup> - 7<sup>th</sup> March 2009 at Silkworm Mulberry Germplasm Resources Centre Hosur Tamil Nadu.
9. **Pezhman Nabizadeh , Santwana Mondol and T.S. Jagadeesh Kumar (2009)**  
Studies on Screening and Evaluation of Potential Bivoltine Breeds and Hybrids under Imposed Thermal Stress for Sustenance in Tropical Conditions Work shop on Seri Biodiversity and Conservation held on 6<sup>th</sup> - 7<sup>th</sup> march 2009 at Silkworm Mulberry Germplasm Resources Centre Hosur Tamil Nadu.
10. **Jagadeesh Kumar T.S and Y. Srinivasa Reddy (2009)** Studies on Quantification and Seasonal Comparison of Selective Biochemical Constituents of Elite Mulberry Varieties Under Irrigated Conditions National Conference on Plant Biodiversity and Bioprospecting held on 16<sup>th</sup> – 17 march 2009, DOS in Botany, University of Mysore, Mysore
11. **Jagadeesh Kumar. T.S, Mahalakshmi M.R. and Y. Srinivasa Reddy (2009)**  
Changes in Protein Profiles of Developing Embryos in Selected Multivoltine Races of the Silkworm Exposed to Imposed Photo topic and Thermal Regimes National Symposium on Bioactive Molecules from Discovery to Industry held on 6<sup>th</sup> –7<sup>t</sup> April 2009 organized by DOS in Biochemistry, University of Mysore, Mysore.
12. **Jagadeesh Kumar. T.S and Y. Srinivasa Reddy (2009)** Investigations in Relation to Activity Profiles of the Transaminaes in Selected Tissues of Voltinistic Silkworm *Bombyx mori* L. National Symposium on Bioactive Molecules from Discovery to Industry held on 6<sup>th</sup> –7<sup>th</sup> April 2009 organized by DOS in Biochemistry, University of Mysore, Mysore.

13. **Jagadeesh Kumar. T.S and Y. Srinivasa Reddy (2009)** Impact of Photoperiod and Temperature factors on Glycogen Content in Fat body Tissues of Post Larval Stages of Selected Popular Silkworm breeds National Level Invertebrate Zoology held on 4-5<sup>th</sup> December 2009 organized by Department of Zoology, Christ University, Bangalore ,
14. **Jagadeesh Kumar. T.S and Y. Srinivasa Reddy (2010)** Nutritional and Medicinal Values of Mulberry National Seminar on Medicinal Plants held on 27-28<sup>th</sup> Feb 2010 Rayampur Bhuvaneshwara Orissa State.
15. **Jagadeesh Kumar. T.S and Y.Srinivasa Reddy (2010)** Relation ship between dynamics of succinate dehydrogenase (SDH ) and lactate dehydrogenases (LDH )activity levels during the initiation of pre- embryonic diapause development in selected multivoltine races of silkworm, *Bombyx mori* L National Seminar on Zoology , Life Processes and Nanotechnology held on 8 - 10<sup>th</sup> February 2010 organized by Department of Zoology, Goa University Taleigao plateau Goa-403206
16. **Jagadeesh Kumar. T.S and B.S.Nagendradhya (2010)** Impact of Synthetic Juvenile Hormonal (Samadhi) Analoge and Correlation in relation to Morpho Metric traits of last Instar of MU 852 and MG408 Bivoltine Silkworm Breeds National Seminar on Zoology, Life Processes and Nanotechnology held on 8 - 10<sup>th</sup> February 2010 organized by Department of Zoology, Goa University Taleigao plateau Goa-403206
17. **Pezhman Nabizadeh and Jagadeesh Kumar. T.S (2010)** Acute Thermal Stress Induced Catalase Activity Level in Selected Tissues of distinct Bivoltine Silkworm Breeds National Seminar on Zoology , Life Processes and Nanotechnology held on 8 - 10<sup>th</sup> February 2010 organized by Department of Zoology, Goa University Taleigao plateau Goa-403206
18. **Jagadeesh Kumar. T.S and Y. Srinivasa Reddy (2010)** Web documentation of Silkworm Genetic Resources for Novel Investigations and Seri biodiversity Conservation International Conference on Biodiversity and Environmental substanceance held on 12<sup>th</sup> –14<sup>th</sup> march 2010 organized by JSS Mahavidhyapetha, Mysore.
19. **Jagadeesh Kumar. T.S and Y. Srinivasa Reddy (2010)** An over view of Cocoon Marketing System in Karnataka National Seminar on Changing Ethos on Agri business Management and Education held on 19-20<sup>th</sup> March 2010 organizing by National Institute of Agricultural Marketing Kota Road Bambala , Near Sanganer Jaipur, Rajasthan and Institute of Development Studies , University of Mysore Manasagangothri Mysore -06



20. **Jagadeesh Kumar. T.S and Y. Srinivasa Reddy (2010)** Studies on Magnitude of Moisture Content Variability and Protein Content in relation to Maturity level three Selected Mulberry Varieties National Conference on Challenges on Modern Biology 29 - 31<sup>st</sup> March 2010 Bangalore.
21. **Jagadeesh Kumar T.S.(2011)**, Analysis of phylogenetic divergence of the selected bivoltine silkworm breeds in relation to temperature tolerance through ISSR-PCR technique National Conference on innovations of Sericulture before and behind 28-29, January -2011.
22. **M.N. Anilkumar, T.S. Jagadeesh Kumar and G.V.Kalpana (2011)** Mid gut protease activity in bivoltine and multi x bivoltine hybrids of the mulberry silkworm, *Bombyx mori*. L. an influenced by larval age and seasons. International conference on environmental pollution water conservation and health July 29-31, 2010. Bangalore organized by Department of Zoology in association ISCAP Bangalore University, Bangalore.
23. **Jagadeesh Kumar, T.S. Pezham Nabizadeh and M.N.Anilkumar, (2011)** Correlation of metabolic profiles in relation to expression of heterosis and over dominance of selected genotypic bivoltine hybrids under imposed Thermal stress condition. International symposium on current trends in endocrine and reproductive health, February 10<sup>th</sup> – 12<sup>th</sup>, 2011 Department of studies in Zoology, University of Mysore, Manasagangotri, Mysore.
24. **Jagadeesh Kumar T.S. and B.S.Nagendraradhya (2011)** Implications of synthetic endocrinological mimics on hemolymph succinate dehydrogenase activity of the productive bivoltine genotypes of mulberry silkworm, *Bombyx mori*. L International symposium on current trends in endocrine and reproductive health, February 10<sup>th</sup> – 12<sup>th</sup>, 2011 Department of studies in Zoology, University of Mysore, Manasagangotri, Mysore.
25. **M.N. Anilkumar, G.V.Kalpana and T.S. Jagadeesh Kumar (2011)** Analysis of variability in midgut protein content of selected hybrids of mulberry silkworm, *Bombyx mori* L. International symposium on current trends in endocrine and reproductive health, February 10<sup>th</sup> – 12<sup>th</sup>, 2011 Department of studies in Zoology, University of Mysore, Manasagangotri, Mysore.
26. **Jagadeesh Kumar T.S. (2011):** Molecular dynamics and banding profiles of genomic DNA of silkworm by selected ISSR-PCR-UBC-primers for the screening silkworm breeds for higher temperature regimes. International Conference on synthetic and structural chemistry held during Dec-8-10, 2011 in Department of Studies in Chemistry, Mangalore University, Mangalore.
27. **Jagadeesh Kumar T.S. (2012):** Phylogenetic divergence and genomic DNA for screening and suitability of the silkworm breeds for higher temperature climatic zones. National Conference on new frontiers in animal science, April 9<sup>th</sup> and 10<sup>th</sup>,

2012 department of P.G. Studies and Research in Applied Zoology, Kuvempu University, Shivamogga.

28. **Jagadeesh Kumar T.S. and Ramya. M.N (2012):** Evaluation of male and female adult life span of two voltinistic groups of the mulberry silkworm under two different seasons. National Seminar on Recent Trends for Sustainable Sericulture-RTSS held on 5<sup>th</sup>-6<sup>th</sup> March 2012 at Department of Sericulture, Sri Padmavathi Mahila Visvavidyalayam(Women's University), Tirupati, Andhra Pradesh.
29. **Jagadeesh Kumar T.S. and Sarungbam Elizabethdevi (2012):** Preliminary observation of longevity of pupal and adult stages of selected hardy bivoltine silkworm breeds. National Seminar on Recent Trends for Sustainable Sericulture-RTSS held on 5<sup>th</sup>-6<sup>th</sup> March 2012 at Department of Sericulture, Sri Padmavathi Mahila Visvavidyalayam(Women's University), Tirupati, Andhra Pradesh.
30. **Jagadeesh Kumar T.S. and Likhithgowda. M. (2012):** Observation of heart beat of selected silkworm breeds administered by subcutaneous injection of adrenaline and atropine. National Seminar on Recent Trends for Sustainable Sericulture-RTSS held on 5<sup>th</sup>-6<sup>th</sup> March 2012 at Department of Sericulture, Sri Padmavathi Mahila Visvavidyalayam(Women's University), Tirupati, Andhra Pradesh.
1. **CHAired THE SESSION: -** National academies of science “**e-lecture workshop on Genomics and Proteomics** held on 17-18<sup>th</sup> Aug 2010, organized by S.P.Mahila University, Tirupati A.P.

#### **NATIONAL WORK SHOPS ATTENDED**

1. National Summer School training on **Silkworm Seed technology held on 14.05.2001 to 23. 05 .2001** Organized by Silkworm Seed technology laboratory Carmel ram Post Kodathi, Central Silk Board , Bangalore - 5600035
2. National Workshop on **Bioinformatics**, held on 14<sup>th</sup> - 15<sup>th</sup> September 2005.at Central Sericultural Research and Training Institute Mysore. Sponsored by Department of Biotechnology, Government of India, New Delhi.
3. **93<sup>rd</sup> Indian Science Congress** held on 3 to 7<sup>th</sup> January 2006 at Acharya N.G. Ranga Agricultural University, Hyderabad. Andhra Pradesh.
4. National Workshop on **Herbal Medicines** held on March 30<sup>th</sup> 2008 organized by Department of Sericulture, S.P. Mahila University Tirupati Andhra Pradesh
5. National Workshop on Wild **Life Management** held on March 31<sup>st</sup> 2008 organized by Department of Zoology, S.P. Mahila University, Tirupati. Andhra Pradesh
6. National Workshop on **Pebrine Disease Management** Organized by Silkworm Seed technology laboratory Kodathi, Central Silk board Bangalore

7. National Workshop on **Roof Top Rain Water Harvesting and Ground Water Recharge** held on 20<sup>th</sup> –21<sup>st</sup> February 2009 Sponsored by Life Insurance Corporation Mysore Division and organized by DOS in Geology, University of Mysore, Mysore-570006
8. National Workshop on **Bioinformatics and Its Applications** Organized by Department of Biotechnology and Microbiology on 28<sup>th</sup> –30<sup>th</sup> March 2009 Karnataka University, Dharwad
9. National Workshop on **Evolutionary, Classical and Molecular Genetics of *Drosophila*** on 27<sup>th</sup> – 1<sup>st</sup> June 2009 organized by DOS in Zoology, University of Mysore, Mysore –570006
10. Workshop on **Statistical Package of SPSS 15.00** held on MAY OR JUNE 2009 at Computer Center, University of Mysore, Mysore -570006
11. National Workshop on **Present Scenario of Wild Life Management** held on 20 - 21<sup>st</sup> August 2009 organized by Department of Sericulture, S.P. Mahila University, Tirupati Andhra Pradesh.
12. National Training **Workshop on Content Management System** held on 27-29<sup>th</sup> August 2009 Organized by Department of Studies in Library and Information Science University of Mysore, Mysore -570006.
13. One Day Faculty Development Programm On Data Analysis SPSS17.0 In Collaboration with SPSS South Asia Private Limited, Bangalore Organized by Department of Studies in Statistics, University of Mysore, Mysore -570006.
14. International symposium as challenges in drug discovery programme 2011 (ISCDDP-2011) held on 16-17 Feb 2011, KSOU, Mysore-06.
15. Participated in Suvarna Manasa – 2011 exhibition conducted from 15<sup>th</sup> to 24<sup>th</sup> February, 2011 by the University of Mysore as part of the Golden Jubilee celebration of Manasagangotri campus, Mysore.
16. Sericulture practices an approach to sustainable development for enhancing of human life in National level workshop on biosystematics taxonomic awareness organized by Department of Zoology St. Philomena's College, Mysore in current biotechnological scenario held on 23<sup>th</sup> and 24<sup>th</sup> April 2010.

#### **NATIONAL SEMINARS ATTENDED**

1. National Seminar on **Intangible Cultural Heritage of Karnataka** held on 13-15<sup>th</sup> December 2005 organized by Department of Studies in Anthropology, University

of Mysore Mysore -06 in collaboration with Indira Gandhi Rashtriya Manava Sangrahalay Bhopal .

2. **93<sup>rd</sup> Indian Science Congress Association** held on 3-7<sup>th</sup> January 2006 at N.G.Ranga Agricultural University, Hyderabad
3. National Seminar on **Equity and Excellence in Higher Education** held on 7-8<sup>th</sup> April 2006 at St Philomena's College, Mysore -15
4. National Seminar on **Functional Foods for Health Promotion and Disease Prevention** held on 14-15<sup>th</sup> February 2008 organized by Department of Studies in Food Science and Nutrition , University of Mysore, Mysore -06
5. State Level One Day Seminar on Genetic **Engineering and its Impacts** held on 24<sup>th</sup> Jan 2009, Organizing by Faculty of Life Sciences, Bharathi College, Bharathinagar Maddur Taluk, Mandya District .
6. National Seminar on **Recent Trends in Structural Bioinformatics and Computational Biology** held on 16-18<sup>th</sup> September 2009 at Centre of excellence in Bioinformatics, Sponsored by Department of Information Technology, Department of biotechnology, New Delhi and Pandicherry University, Pandicherry.
7. National Conference on Information and its application held on 21-22 November 2009 organized by Centre for Information Science and Technology and Department of Studies in Computer Science at Nalwadi Krishnaraja Wadeyar Auditorium , University of Mysore, Mysore -570006
8. National Seminar on **Recent Trends for Sustainable Sericulture - RTSS** held on 5<sup>th</sup>-6<sup>th</sup> March 2012 at Department of Sericulture Sri Padmavathi Mahila Visvavidyalayam (Women's University) Tirupati, Andhra Pradesh.

#### **Delivered invited lecture;**

- 1.Delivered an invited talk on the topic **Physiology of Embryonic Diapause** 6<sup>th</sup> October 2007 University of Kerala Kariyavottam, Kerala
- 2.Delivered an invited talk on the topic **Biology to Biotechnology** 5<sup>th</sup>-6<sup>th</sup> October 2011 Sri Padmavathi Mahila Visvavidyalayam (Women's University) Tirupati, Andhra Pradesh.
3. Delivered an invited talk on the topic **An over of Nano science** 5<sup>th</sup>-6<sup>th</sup> October 2011 Sri Padmavathi Mahila Visvavidyalayam (Women's University) Tirupati, Andhra Pradesh

4.Delivered an invited talk on the topic **Expression of baccolovirus gene in silkworm** on 27th October 2012 at PG Department of studies in Applied Zoology, Maharanis Science College , Mysore – 01

5. Delivered an invited talk on **Why sericulture 27th October 2012.** at PG Department of Applied Zoology , Maharanis Science College, Mysore - 01

**Other information;**

Coaching classes conducted for Competitative examination -  
KAS Students, University of Mysore, and Mysore -06.

This is to certify that, the information mentioned above is true and correct with best of my Knowledge

**(T.S.JAGADEESH KUMAR)**