

## BRIEF BIODATA

<b>1</b>	<b>Name of the faculty</b>	<b>Dr. T. S. JAGADEESH KUMAR</b> M.Sc, M.Phil., Ph.D.
	Designation and Address for communication	Professor DOS in Sericulture Manasagangothri University of Mysore Mysuru – 570006
	Permanent address	# 5696, III Cross II Stage, Vijayanagar Mysuru – 570017. Karnataka Mobile ; 994581912 , 0821 -2419711 / 714 (O)
<b>2</b>	Teaching experience	Twenty (20) Years Department of Studies in Sericulture Manasagangothri, University of Mysore Mysuru - 570006
	Area of Specialization in Research	Silkworm Physiology and Biochemistry. Molecular Biology and Biotechnology
	Ph.D. students guided successfully	04 ( four only )
	Presently Ph.D. students working	02 (Two Only )
	Research experience	Fifteen (15) years
	Research Article published	20 at National and international level
	Research Papers Presented	85 Presentation in National and International Conferences /seminar / workshops
	Project work and term guided successfully in the department	40 PG Students of various background
<b>3</b>	External examiner for the Ph.D., thesis evaluation	12 candidates Various universities in Karnataka and other states
	Chairman (BOE ) and Member(BOS ) Sericulture	4 tenure and 3 tenure
	Invited lecture delivered	04
	Training programe attended Refresher Course / Orientation Programe	06
<b>4</b>	Awards/ recognitions received	Scientist the of year award 2017 Conservation Biologist award 2018 Distinguished scientist award 2019
	Countries visited	Thailand , Malaysia and Singapore
	Additional administrative work done	Special officer, Directorate of research Observer - KSET, UG and PG Examinations Convener - Ph.D regulation committee and Anti plagiarism purchase committee. Member - JRF selection committee ( SC / ST students ) Member - Answer script purchase committee

## CURRICULUM VITAE OF FACULTY

<b>1</b>	<b>NAME OF THE FACULTY</b>	<b>Dr.T. S. JAGADEESH KUMAR M.Sc., M.Phil., Ph.D.</b>
	Designation and Address for communication	Professor DOS in Sericulture Manasagangothri University of Mysore Mysuru – 570006
	Permanent address	# 5696, III Cross II Stage, Vijayanagar Mysuru – 570017. Karnataka Mobile ; 91+ 9945819121 0821 -2419711 / 714 (O)
	Teaching experience	Twenty (24) years Department of Studies in Sericulture Manasagangothri, University of Mysore Mysuru – 570006
	Area of Specialization in Research	Silkworm Physiology and Biochemistry. Molecular Biology and Biotechnology
	Research experience	Fifteen (15) years
	Research Papers Presented	Annexure - 1A

### **2. Educational Qualification.**

Sl.No	Degree	College /university	Subject , Year /Awarded
1	M.Sc.(First class)	University of Mysore	Sericulture 1996
2	M.Phil. (First class)	University of Mysore	Seed Technology 1997
4	SLET (Qualified)	University of Mysore	Sericulture 1998
5	Pre-Ph.D. (Qualified)	University of Mysore	Sericulture 1999
6	Ph.D. (Awarded)	University of Mysore	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 and 2012-13
6	Board of Examination	Sericulture Technology CSR&TI, Mysuru	Chairman 2007 -08. 2009- 2010
7	Board of Examination	Sericulture	Member 2008-09
8	Board of Examination	Sericulture Technology CSR&TI , Mysuru	Member 2008 – 09
9	Board of Examination	Sericulture	Member 2010 – till date
10	Indian Science Congress Association	Science Congress	Life member since 1999
11	Indian Society of Comparative Animal Physiology	Animal Physiology	Life member since 2005
12	National Academy of Sericulture Science India.	Sericulture	Member Since 1999
13	Admission Committee for M.Sc., Sericulture, and Sericulture and Seribiotechnology	Sericulture	Member 2004-05, 2005-06 , 2006-07, 2008-09. 2010-11, 2012-13 and 2015-16
14	PG Entrance Examination (off line )	Faculty of Science, Arts and Commerce	Depty chief 2014-15

15	Co – coordinator (CBCS)	DOS in Sericulture	Sericulture and Seribiotechnology 2015-16
16	Guide Recognition Committee	Sericulture	Member 2012-13
17	Recognized Guide	University of Mysore	Sericulture and Biotechnology
18	Seminar Staff Secretary	DOS in Sericulture	Sericulture 2012-13, 2013-14
19	Board of Studies (UG)	B.Sc.,Sericulture Yuvaraja College (Autonomous)Mysuru	Member 20013 till date
20	Ph.D., doctor committee	DOS in Sericulture	Sericulture 2008 onwards
21	P.G. Entrance (Online examinations )	Faculty of Science Arts and Commerce	Observer 2015-16
22	Indian Science Congress 3-7 <sup>th</sup> Jan 2016	University of Mysore Mysuru.	Food Sub- committee Member 2016
23	P.G. Entrance (Examinations )	Faculty of Science . Arts and Commerce	Invigilator 2016-17
24	Two days lectures Series on “Recent trends on Sericulture “	DOS in Sericulture University of Mysore Mysuru	Organizing secretary 16 and 17 <sup>th</sup> December 2016
25	Board of studies (UG)	Life sciences	Bangalore university Bangalore ( 2017- 2019)
26			

**4. Refresher Course and Orientation Programme UGC- ASC of different Universities**

<b>Courses attended and</b>	<b>Grade awarded</b>		<b>Organized by UGC – Academic Staff College</b>
Refresher Course in Zoology	A	27.6.2001 to 17.7.2001	UGC –Academic Staff College, University of Mysore, Mysuru
Orientation Programme	A	27.11.2002 to 24.12.2002	UGC –Academic Staff College, University of Mysore, Mysuru

Refresher Course in Life Science	A	25.10.2006 to 14-11-2006	UGC –Academic Staff College, University of Kerala. Trivendrum, Kerala
Refresher Course in Environmental Studies	A	27.7.2008 to 16.8.2008	UGC –Academic Staff College, Osmania University, Hyderabad.
Refresher Course in Computer applications	A	03.1.2013 to 23.1.2013	UGC –Academic Staff College, University of Calicut . Calicut.
Training programe on Geospatial technology	A	5.4 2015 to 2.5.2015	J.S.S. University Bannimantap Mysuru

**5. Ph.D, in Sericulture/ Biotechnology Successfully Completed under my Supervision**

Sl.No	Name of the candidate and title of Ph.D, thesis awarded
1	<b>Pezhman Nabizadeh ( 2010 )</b> Biotechnological approach for screening and evaluation of the silkworm breeds and hybrids under imposed thermal stress
2	<b>Nagendraradhya B S ( 2014 )</b> Physiological investigations in relation to dynamics of exogenous administration of juvenile hormonal mimics and quantitative and qualitative traits of the silkworm, <i>Bombyx mori</i> L.
3	<b>Ramya M N ( 2017 )</b> Biochemical changes in relation to pupal and adult longevity of the selected voltinistic groups of the mulberry silkworm, <i>Bombyx mori</i> L.
4	<b>Maryam Talbei Haghighi ( 2017)</b> Molecular approach for understanding the genetic diversity and expression of voltinism in mulberry silkworm. <i>Bombyx mori</i> L
5	<b>Sunil Kumar B (2015)</b> Investigations on the effect of serimore in relation to biochemical constituents and economic traits of mulberry silkworm breeds and hybrids.
6	<b>Chaitra S ( 2015)</b> Adaptive response during embryonic development in multivoltine silkworm <i>Bombyx mori</i> L under imposed photoperiodic regimes

**6. Adjudication of the thesis for the award of Ph.D., in Sericulture/Zoology/  
Biochemistry/Biotechnology**

Sl.No.	Title of the Ph.D .,thesis awarded	University/Institution
1	Temporal Changes in Biochemical Composition of Haemolymph of Selected Silkworm Breeds <b>Candidate: Firdose Ahmed Mailk</b> <b>Guide: Prof Y Srinivasa Reddy</b>	Department of Sericulture University of Mysore, Manasagangotri, Mysuru
2	Phylloplane Microflora of Mulberry a source of etabolic to bacterial and fungal diseases of Silkworm and their Management through botanicals <b>Candidate: S Sarithi Kumari</b> <b>Guide: Prof R N Bhaskar</b>	Department of studies in Sericulture Science University of Agricultural Sciences, Gandhi Krishi ,Vignana Kendra, Bangaluru
3	Some aspects of Physiology of Nutrition and Thermal stress on growth , development and reproduction in Eri silkworm , <i>Philosmia ricini</i> biodusal <b>Candidate : Somappa. G. Lamani</b> <b>Guide: Prof N Narasubhai</b>	Department of Zoology Karnataka. University Dhawad
4	Change in Pace and Pattern of Mulberry Sericulture Industry in India – an Empirical analysis. <b>Candidate : Manjunatha K</b> <b>Guide: Prof. K C NarayanaSwamy</b>	Department of Sericulture, University of Agricultural Science, Gandhi Krishi Vignana Kendra, Bangaluru
5	Studies on Circadian Rhythm of Digestive System of the Silkworm, <i>Bombyx mori L.</i> <b>Candidate: Bhuwaneswari. E</b> <b>Guide: Prof S Sivaprasad</b>	Sri Venkateshwara University Tirupati Andra Pradesh
6	Studies on the Effect of Some Agrochemicals on the Proximate Composition of the Dominant <i>Piscifauna</i> of the Pampa river - Kerala India <b>Candidate : Mayalekshmi P</b> <b>Guide: Prof Padma Kumar Nair</b>	Sri Manonmanium Sundarnar University. Tirunellavalli Tamil Nadu.
7	Discovery of QTLs for drought tolerance traits using a biparental mapping population of mulberry segregating for root and water use efficiency (W U E) <b>Candidate : Madhuri thinuluri</b> <b>Guide: Prof T K NarayanaSwamy</b>	Department of Sericulture, University of Agricultural Science, Gandhi Krishi Vignana Kendra, Bangaluru
8	Studies on phytochemical and molecular characterization using molecular markers in some medicinal plants <b>Candidate : Kempegowda M S</b> <b>Guide: Dr. B K Chikka Swamy</b> <b>OM Bioscience Research Centre Bangalore</b>	Dravaidan university Srinivasavanum Kuppum Chittor district Andra Pradesh

<b>9</b>	Cloning, gene expression and insilico studies of juveline hormone epoxide hydrolase (JHEH) gene of <i>Diaphania pulverulantis</i> for its bio control <b>Candidate : S. Kalpana</b> <b>Guide: Prof .D.M. Mamatha</b>	Department of Sericulture Sri Padmavathi Mahila University Tirupati Andra Pradesh
<b>10</b>	Effect of silkworm pupal bioprotein and pupal biocompost mulberry and silkworm growth stimulator <b>Candidate : Mahesh D S</b> <b>Guide: Prof T K NarayanaSwamy</b>	Department of Sericulture, University of Agricultural Science, Gandhi Krishi Vignana Kendra, Bangaluru
<b>11</b>	Purity assessment of pallickal river water with special reference based on the entomological and microbiological indicator organism <b>Candidate : Vaisakh S</b> <b>Guide: Prof M.G. Sanal Kumar</b>	Department of Zoology University of Kerala Kariavattom Thirvanathapuram Kerala

#### 7. UNIVERSITIES VISITED AS EXTERNAL EXAMINER FOR THE ACADEMIC ACTIVITIES

1. Examiner – paper setting – Bangalore University. Bangalore
2. Examiner – paper setting and thesis evaluation – Karnataka University, Dhaward
3. Examiner – thesis Evaluation – University of Agricultural Sciences , Bangalore
4. Examiner – thesis Evaluation – Tamil Nadu Agriculture University, Coimbatore
5. Examiner – paper setting , Mangalore University, Konaji campus. Mangalore
6. Examiner – paper setting, Kuvempu University, Shivamogga
7. Examiner – paper setting, PG Centre , IDSG, College . Chikmagalore
8. Examiner – Jammu and Kashmir Agriculture University – Jammu
9. Examiner- paper setting –Calicut university, Calicut. Kerala
- 10.. Examiner – paper setting – University of Kerala Trivandrum, Kerala
11. Examiner – paper setting –Osmania University, Hyderabad
12. Examiner paper setting – Sri Padmavathi. Mahila University, Tirupati
13. Examiner paper setting – Sri Venkateswara University, Tirupati .

#### 8. List of project work successfully guided for the award of masters degree

Sl.No.	Title of the Project and Term Work allocated for II and IV semester students
<b>1.</b>	<b>Raghavendra M (2011)</b> Application of hormonal mimic for the improvement of post cocoon characters of bivoltine hybrids of the silkworm.
<b>2.</b>	<b>Likhith Gowda M (2012)</b> Studies on influence of synthetic hormonal drugs on biochemical constituents of selected tissues of robust bivoltine hybrids of the silkworm

3.	<b>Elizabeth devi (2012)</b> Comparative analysis of fat body etabolic in relation to adults longevity, morphometric of bivoltine and multivoltine races / breeds of mulberry silkworm
4.	<b>Likhith Gowda M (2013)</b> Studies on temporal biochemical changes in selected tissues of the silkworm under imposed photoperiodic schedules
5.	<b>Manu H (2013)</b> Evaluation of consumption indices of cholesterol fortified mulberry leaf as a nutritive additives for the improvement of economic traits of the silkworm hybrids
6	<b>Henwalo Lorin (2013)</b> Phagostimulatory effect of the ascorbic acid ( Vit-C) as feeding additives for the improvement of economic characters of the silkworm .
7	<b>Chaitra S (2014)</b> Comparative analysis on profiles of haemolymph dehydrogenases of two voltinistic groups of the mulberry silkworm.
8	<b>Angosen (2014)</b> Dynamics of polyunsaturated fatty acid (PUFAS) for the improvement and expression of quantative and qualitative traits of the selected potential bivoltine hybrids
9	<b>Henwalo Lorin (2014)</b> Correlation of antogenic changes in carbohydrates under imposed photoperiodic sensitivity during embryonic development of mulberry silkworm
10	<b>Chaitra S (2015)</b> Empirical analysis of uric acid in malphigian tubules and dry excrements and economic traits of the silkworm
11	<b>Narayana K R (2015)</b> Foliar supplementation $\alpha$ – linoleic acid and correlation of biochemical changes and economic traits of selected the silkworm
12	<b>Muralidhara K V (2015)</b> Expression of economic traits in relation to artificial diet (Nutrid) and ascorbic acid supplementation during chawki and late age silkworm rearing
13	<b>Rani. D K (2015)</b> Impact of artificial diet with ascorbic acid on performance of economic traits and adult longevity of the selected silkworm
14	<b>Anitha. N (2016)</b> Exogenous ascorbic acid as a mulberry leaf supplementary additive on haemolymph protease activity and economic traits of silkworm
15	<b>Anitha Rani K V (2016)</b> Assessment of Growth Pattern and cocoon traits of PM x CSR <sub>2</sub> silkworm hybrid administrated with different aminoacids
16	<b>Bharath Gowda R M (2016)</b> Circadian rhythmic changes in lactic acid content of the silkworm eggs under imposed longer photoperiodic regimes.
17	<b>Chandini A C (2016)</b> Synergetic effect of riboflavin and nictonic acid in relation to economic parameters of the silkworm hybrid.
18	<b>Laishram Chanu Bindya (2016)</b> Studies on impact of artificial diet (Nutrid) and water soluble vitamins in the manifestation of economic traits of silkworm hybrid
19	<b>Ravinarayana K V ( 2017)</b> Effect of penicillin during fifth instar and evaluation of economic traits of mulberry silkworm hybrid



20	<b>Sheelavathi A V ( 2017)</b> Foliar supplementation of streptomycin and performance of economic traits of the robust silkworm hybrid
21	<b>Avinasha K A ( 2017)</b> Growth promoting effect of exogenous cholesterol and its impact on economic traits of silkworm hybrid
22	<b>Niveditha S Rao ( 2017)</b> Thermal stress induced lipidogenic changes in the ovary and testis of robust silkworm hybrids and their economic parameters
23	<b>Kavyashree M (2017)</b> Comparison of growth and yield traits of shivam tomato ( <i>Lycopersicon esculantum</i> ) variety supplemented with farmyard manure vermicompost.
24	<b>Susumitha B V (2018)</b> synergistic effect of vancomycin and honey supplemented with mulberry leaves and economic traits of the silkworm hybrid
25	<b>Deekshitha (2018)</b> Quantitative analysis of the sorbitol during embryonic development of the silkworm
26	<b>Krishnaveni (2018)</b> thermal stress induced changes in fat body of the silkworm hybrid
27	<b>Ravinarayan KV (2018)</b> Evaluation of economic traits of the silkworm hybrids supplemented with cholesterol fortified mulberry leaves
28	<b>Ajay Kumar , Bindushree J, Sowbhagya and M S Vijay (2018)</b> Feeding dependent haemolymph protease activity and manifestation of the economic traits of the silkworm hybrids
29	<b>Kavya N, Nayaan shree and Vanlalruata ( 2019)</b> Effect of serimore on protease and trehalase of selected tissues and economics traits of the silkworm, <i>Bombyx mori</i> L
30	<b>Abicharan C and J Bindushree ( 2019)</b> Evaluation of parameters in relation to consumption indices of selected bivoltine silkworm double hybrids
31	<b>Arun Kumar K M , Chinmoyee Kalita, Impana G and Jyoti Prasad Baruah (2019)</b> Rhythmic of lactic acid content of silkworm eggs under imposed photophase and scotophase
32	<b>Jyothi P.N , Kishore Kumar B and H D Pradeep (2019)</b> Photo sensitive effect on ontogenic changes in glycogen content of the acid treated hibernated eggs of the silkworm

**9. Research articles published in national and international journals**

<b>1</b>	<b>Jagadeesh Kumar T. S and S Lokesh (1999)</b> Evaluation of seed mycoflora of tomato and their management in vitro, <i>Seed Research</i> . Vol. 27.(2) 181-184.
<b>2</b>	<b>Pezhman Nabizadeh and T. S Jagadeesh Kumar (2010)</b> Thermal stress induced catalase activity level in selected bivoltine breeds of the mulberry, silkworm, <i>Bombyx mori</i> L. <i>Modern Applied Sciences</i> . Vol. 4. (8) 88-95
<b>3</b>	<b>Pezhman Nabizadeh and T. S Jagadeesh Kumar (2010)</b> Effect of imposed them of stress on ontogenic temporal changes in protein levels in tissues of the mulberry silkworm. <i>Indian Journal of Comparative Animal Physiology</i> . Vol. 28.(1) 69-75.
<b>4</b>	<b>Pezhman Nabizadeh and T .S Jagadeesh Kumar (2011)</b> Fatbody catalase activity as a biochemical index for recognition of thermal tolerant mulberry silkworm breeds. <i>Journal of Thermal Biology</i> (36) 1-6.
<b>5</b>	<b>Jagadeesh Kumar T .S and Y.S. Reddy ( 2010)</b> Nutritional and medicinal values of mulberry Souvenir, U.G.C Sponsored <i>National Seminar on Ethno botany (Medicinal plants)</i> 26- 27 <sup>th</sup> Feb 2010.
<b>6</b>	<b>Jagadeesh Kumar T.S and Pezhman Nabizadeh and Y.S.Reddy (2008)</b> Improvement in breed performance by photoperiod and temperature regimes and heterosis manifestation of improved breeds in the silkworm, <i>Bombyx mori</i> . L. <i>Scenario of Seribiotechnological Research in India</i>
<b>7</b>	<b>Firdose A Malik and T. S Jagadeesh Kumar and Y. S. Reddy (2011).</b> Changes in haemolymph protein and amino acid levels in relation to mulberry nutrition, silkworm races and larval growth rate. <i>Journal of Sericulture and Technology</i> , Vol.2,(1). 51-55.
<b>8</b>	<b>Nagendraradhya B. S and T. S. Jagadeesh Kumar (2013)</b> 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, <i>Bombyx mori</i> L. <i>International Journal of Science Environment and Technology</i> . Vol 2. ( 2). 185 - 195
<b>9</b>	<b>Nagendraradhya B. S and T.S.Jagadeesh Kumar (2013)</b> 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. <i>International Journal of Advanced Life Sciences (IJALS)</i> . Vol 6, ( 2 ) 93-101.
10	<b>Jagadeesh Kumar T.S. (2013)</b> Molecular dynamics of genomic DNA of silkworm breeds for screening under higher temperature regimes utilising ISSR- primers . <i>International Journal of Science. Environment and Technology</i> . Vol 2, (2). 275-285.
11	<b>Likhith Gowda. M and T S Jagadeesh Kumar (2013)</b> Impact of adrenaline and insulin titers on mitochondrial dehydrogenase in haemolymph of CSR <sub>2</sub> × CSR <sub>4</sub> and FC <sub>1</sub> × FC <sub>2</sub> silkworm hybrids . <i>Journal of International Academic Research for Multidisciplinary (JIARM)</i> . Vol. 1, (2) 35 – 41.
12	<b>Ramya M.N and T. S. Jagadeesh Kumar (2013)</b> Correlation of changes in fat body protein fluxes in relation to adult longevity of multivoltine and bivoltine silkworm strains. <i>Journal of International Academic Research for Multidisciplinary (JIARM)</i> Vol. 1, (2) 75 - 83.
13	<b>Maryam Talebi Haghighi and T. S. Jagadeesh Kumar (2015)</b> Expression of Polymorphic profiles of specific and non specific esterase in multivoltine and bivoltine silkworm, <i>Bombyx mori</i> L. <i>International Journal of Biosciences</i> www.innspub.net. Vol.7, No, 4, P 196 – 203.
14	<b>Maryam Talebi Haghighi and T. S. Jagadeesh Kumar (2016)</b> Evaluation of genetic divergence and allelic-specificity in relation to expression of voltinism in silkworm, using ISSR and RAPD. fingerprinting. <i>Russian Journal of Genetics</i> . Vol. 52, No 11-12
15	<b>Ramya M N and T. S. Jagadeesh Kumar (2016)</b> Changes in fatbody lipid level during pupal and adult stages of bivoltine and multivoltine silkworm, <i>Bombyx mori</i> L. <i>International Journal of Science and Nature</i> . Society of Science and Nature .Vol. 6.(2).
16	<b>Ramya M N and T S Jagadeesh Kumar (2016)</b> Evaluation of morphometric traits of adult and their longevity of selected multivoltine and bivoltine breeds of mulberry silkworm, <i>Bombyx mori</i> L. <i>International Journal of Applied Research</i> . Vol. 4.3
17	<b>Maryam Talebi Haghighi and T S Jagadeesh Kumar (2017)</b> Allele-specific expression of biochemical markers with special reference to silkworm voltinism. <i>Journal of Entomology and Zoology Studies</i> . 5(1), 792-796.

18	<b>Maryam Talebi Haghighi and T S Jagadeesh Kumar (2017)</b> Genetic Divergence and Voltinism's Expression in Silkworm: Revealed through DNA Barcoding. <i>International Journal of Pure Applied Biosciences</i> . 4 (4), 255-263.
19	<b>Jagadeesh Kumar T S and Sunil Kumar B ( 2017)</b> Photoperiodically induced changes in haemolymph protein of selected mulberry silkworm races /breeds. <b>International Journal of Emerging Technologies in Computational and Applied Sciences (IJETCAS) Special issue of National Conference on Research Advances in Science &amp; Technology</b> , 26th - 27th May 2017, pp. 38-44
20	

#### 9. Paper presented in the National and International Conferences

1	<b>Jagadeesh Kumar, T.S. and Y.S. Reddy, (2005)</b> Racial differences in fuel reserves during different developmental stages of <i>Bombyx mori</i> 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	<b>Ramakrishna Naik. Govindan, R. and T.S. Jagadeesh Kumar, (2005)</b> Growth and yield traits of mulberry as influenced by different levels of vermicompost. National seminar of composting and vermicomposting, Central Sericultural Research & Training Institute, Mysuru.
3	<b>Jagadeesh Kumar, T.S. and Y.S. Reddy, (2006)</b> Influence of photo period and temperature on changes in fuel reserves during embryonic development in selected races of silkworm, <i>Bombyx mori</i> 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	<b>Jagadeesh Kumar, T.S. and Y.S. Reddy, (2008)</b> Studies on the effects of photoperiod and temperatures regimes on the activity of dehydrogenases in selected races of silkworm <i>Bombyx mori</i> , 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 , Kuvempu University Shimoga -06

5	<b>Jagadeesh Kumar, T.S. and Y.S. Reddy, (2008)</b> 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	<b>Jagadeesh Kumar, T.S., Pezhman Nabizadeh and Y.S. Reddy (2008)</b> Improvement in breed performance by photoperiod and temperature regimes and heterosis manifestation by improved breeds of silkworm, <i>Bombyx mori</i> 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	<b>Jagadeesh Kumar. T.S and Y. S. Reddy (2009)</b> Seasonal impact of imposed environmental stress components on fecundity and hatching percentage in different voltinistic groups of the silkworm. <i>Bombyx mori</i> 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 Mysuru
8	<b>Jagadeesh Kumar, T.S., B. S. Nagendrardhya and Y. S. Reddy,(2009)</b> Physiological investigation in relation to stress factors and changes in enzyme profiles in selected tissues in different voltinistic groups of silkworm, <i>Bombyx mori</i> 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	<b>Pezhman Nabizadeh and T.S. Jagadeesh Kumar (2009)</b> 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	<b>Jagadeesh Kumar T.S and Y. S. Reddy (2009)</b> 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, Mysuru
11	<b>Jagadeesh Kumar. T.S, Mahalakshmi M.R. and Y. S. Reddy (2009)</b> 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, Mysuru
12	<b>Jagadeesh Kumar. T.S and Y. S. Reddy (2009)</b> Investigations in relation to activity profiles of the transaminaes in selected tissues of voltinistic silkworm, <i>Bombyx mori</i> 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, Mysuru

13	<b>Jagadeesh Kumar. T.S and Y. S. Reddy (2009)</b> 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, Bangaluru
14	<b>Jagadeesh Kumar. T.S and Y. S. Reddy (2010)</b> Nutritional and medicinal values of mulberry National Seminar on Medicinal Plants held on 27-28 <sup>th</sup> Feb 2010 Rayrampur. Bhuvaneshwara Orissa.
15	<b>Jagadeesh Kumar. T.S and Y.S. Reddy (2010)</b> 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, <i>Bombyx mori</i> 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
16	<b>Jagadeesh Kumar. T.S and B.S.Nagendraradhya (2010)</b> 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 Goa.
17	<b>Pezhman Nabizadeh and T.S. Jagadeesh Kumar.(2010)</b> 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 Goa.
18	<b>Jagadeesh Kumar. T.S and Y. S. Reddy (2010)</b> 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, Mysuru.
19	<b>Jagadeesh Kumar. T.S and Y. S. Reddy (2010)</b> 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 . Sanganer Jaipur, Rajasthan and IDS. University of Mysore. Manasagangothri Mysuru.
20	<b>Jagadeesh Kumar. T.S and Y. S. Reddy (2010)</b> 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. Bangaluru.

21	<b>Jagadeesh Kumar T.S.(2011)</b> , 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	<b>Jagadeesh Kumar T.S. and G.V. Kalpana (2011)</b> Mid gut protease activity in bivoltine and multi x bivoltine hybrids of the mulberry silkworm, <i>Bombyx mori</i> . 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, Bangaluru.
23	<b>Jagadeesh Kumar, T.S. and Pezhman Nabizadeh (2011)</b> 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, Mysuru
24	<b>Jagadeesh Kumar T.S. and B.S.Nagendraradhya (2011)</b> Implications of synthetic endocrinological mimics on heamolymph succinate dehydrogenase activity of the productive bivoltine genotypes of mulberry silkworm, <i>Bombyx mori</i> . 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, Mysuru
25	<b>Anilkumar, Kalpana and T S Jagadeesh Kumar (2011)</b> Analysis of variability in midgut protein content of selected hybrids of mulberry silkworm, <i>Bombyx mori</i> 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, Mysuru
26	<b>Jagadeesh Kumar T S (2011)</b> Molecular dynamics and banding profiles of genomic DNA of silkmoth 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, Mangaluru
27	<b>Jagadeesh Kumar T S (2012)</b> 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, Shivmoga
28	<b>Jagadeesh Kumar T S and Ramya M.N. (2012)</b> Evaluation of male and female adult life span of two voltanistic 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	<b>Jagadeesh Kumar T.S and Elizabethdevi (2012)</b> Preliminary observations 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	<b>Jagadeesh Kumar T.S and Likhith Gowda. M (2012)</b> 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,
31	<b>Jagadeesh Kumar T.S (2010)</b> Chaired the Session : - National academies of science “e-lecture series on workshop on Genomics and Proteomics held on 17-18 <sup>th</sup> Aug 2010, organized by S.P.Mahila University, Tirupati .
32	<b>Jagadeesh Kumar T.S. (2014)</b> Consumption indices of FC <sub>1</sub> X FC <sub>2</sub> and FC <sub>4</sub> X FC <sub>3</sub> silkworm hybrids supplemented with cholesterol fortified mulberry leaf as a nutritive additive during fourth instar on 3 to 4 January National symposium on innovations in science and technology for inclusive development Indian science congress association. Bangalore Chapter -1 and DOS in Zoology University of Mysore
33	<b>Jagadeesh Kumar T.S (2014)</b> Expression of Protein banding profile of bivoltine silkworm hybrids topically administered with Juvenile hormonal mimic during fifth instar on 3 to 4 January Symposium on innovations in science and technology for inclusive development Indian science congress association Bangalore chapter -1 and DOS in Zoology. University of Mysore.
34	<b>Jagadeesh Kumar T.S (2014)</b> National conference on Sericulture for livelihood security University of Agriculture Science College of Sericulture. Chintamani Administration of juvenile hormonal titre during fifth instar for the improvement and manifestation of commercial parameters of selected bivoltine hybrid 29 to 31 January 2014
35	<b>Jagadeesh Kumar T.S (2014)</b> National Conference on Sericulture for livelihood security. University of Agriculture Sciences. College of Sericulture Chintamani. Improvement of economic traits of silkworm hybrid treated with ascorbic acid fortified mulberry leaves 29 - 31 January 2014
36	<b>Jagadeesh Kumar .T.S. (2001)</b> National Summer School training on Silkworm Seed technology held on 14 to 23. May 2001. Organized by Silkworm Seed technology laboratory. Kodathi. Central Silk Board , Bangaluru.
37	<b>Jagadeesh Kumar T.S (2005)</b> National Workshop on Bioinformatics, held on 14th - 15 <sup>th</sup> September 2005 Central Sericulture Research and Training Institute Mysore. Sponsored by Department of Biotechnology, Government of India, New Delhi.



38	<b>Jagadeesh Kumar T.S (2006)</b> 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.
39	<b>Jagadeesh Kumar .T.S (2008)</b> National Workshop on Herbal Medicines held on March 30 <sup>th</sup> 2008 organized by Department of Sericulture, S.P. Mahila University Tirupati .
40	<b>Jagadeesh Kumar T.S (2008)</b> National Workshop on Wild Life Management held on March 31st 2008 organized by Department of Zoology, S.P. Mahila University, Tirupati.
41	<b>Jagadeesh Kumar T.S (2001)</b> National Workshop on Pebrine Disease Management Organized by Silkworm Seed technology laboratory Kodathi, Central Silk board Bangaluru
42	<b>Jagadeesh Kumar T.S (2009)</b> 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, Mysuru
43	<b>Jagadeesh Kumar T.S (2009)</b> .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
44	<b>Jagadeesh Kumar T.S (2009)</b> National Workshop on Evolutionary, Classical and Molecular Genetics of <i>Drosophila</i> on 27 <sup>th</sup> – 1 <sup>st</sup> June 2009 organized by DOS in Zoology, University of Mysore, Mysuru
45	<b>Jagadeesh Kumar T.S (2009)</b> Workshop on Statistical Package of SPSS 15.00 held on May or June 2009 at Computer Center, University of Mysore, Mysuru.
46	<b>Jagadeesh Kumar T.S (2009)</b> 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 .
47	<b>Jagadeesh Kumar T.S (2009)</b> 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, Mysuru.
48	<b>Jagadeesh Kumar T.S (2010)</b> 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, Mysuru
49	<b>Jagadeesh Kumar T.S (2011)</b> International symposium as challenges in drug discovery programme 2011 (ISCDDP-2011) held on 16-17 Feb 2011, KSOU, Mysuru.
50	<b>Jagadeesh Kumar T.S (2011)</b> 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, Mysuru

<b>51</b>	<b>Jagadeesh Kumar T.S (2012)</b> Sericulture practices an approach to sustainable development for enhancing of human life. National level workshop on biosystematics taxonomic awareness organized by Department of Zoology St. Philomena's College, Mysuru
<b>52</b>	<b>Jagadeesh Kumar .T.S (2005)</b> 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 Mysuru. in collaboration with Indira Gandhi Rashtriya Manava Sangrahalay Bhopal .
<b>53</b>	<b>Jagadeesh Kumar .T.S (2006)</b> 93 <sup>rd</sup> Indian Science Congress Association held on 3-7 <sup>th</sup> January 2006 at N.G.Ranga Agricultural University, Hyderabad
<b>54</b>	<b>Jagadeesh Kumar T.S(2006)</b> National Seminar on equity and excellence in higher education held on 7-8 <sup>th</sup> April 2006 at St Philomena's College, Mysuru
<b>55</b>	<b>Jagadeesh Kumar T.S (2008)</b> 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, Mysuru
<b>56</b>	<b>Jagadeesh Kumar T.S (2009)</b> 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, Maddur .Mandya
<b>57</b>	<b>Jagadeesh Kumar T.S (2009)</b> 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.
<b>58</b>	<b>Jagadeesh Kumar T S (2009)</b> National Conference on Information and its application held on 21-22 November 2009 organized by Centre for Information Science and Technology. Department of Studies in Computer Science . Nalwadi Krishnaraja Wadeyar Auditorium , University of Mysore, Mysuru
<b>59</b>	<b>Jagadeesh Kumar T S (2012)</b> 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,
<b>60</b>	<b>Jagadeesh Kumar T S (2016)</b> Participated in the One-Day National Symposium on Interfaith Dialogue" held on 29 <sup>th</sup> February 2016 organized by the UGC- Human Resource Development Centre, University of Mysore Manasagangotri, Mysuru in collaboration with National Foundation for Communal Harmony, New Delhi.
<b>61</b>	<b>Sunil Kumar, T.S. Jagadeesh Kumar and Y. S. Reddy (2016)</b> - Impact of extrinsic shorter and longer photoperiodic and temperature regimes for maximization of larval weight of two Multivoltine Silkworm, 26 <sup>th</sup> National symposium on chronobiology held on 2-3 <sup>rd</sup> June 2016. Department of studies in Zoology University of Mysore Manasagangotri, Mysuru.

62`	<b>Chaitra. S and T.S. Jagadeesh Kumar (2016)</b> Comparative analysis of uric acid level in malpighian tubules and dry excrements during the active growth period of fifth instar Silkworm hybrids. 26 <sup>th</sup> National Symposium on Chronobiology held on 2-3 <sup>rd</sup> June 2016 Department of studies in Zoology University of Mysore Manasagangotri, Mysuru.
63	<b>Bharath Gowda R.M and T.S. Jagadeesh Kumar (2016)</b> Influence of longer photoperiod and temperature regime on the lactic acid content in developing embryo of domesticated silkworm, <i>Bombyx mori</i> L , 26 <sup>th</sup> National Symposium on Chronobiology held on 2-3 <sup>rd</sup> June 2016. Department of studies in Zoology. University of Mysore Manasagangotri, Mysuru.
64	<b>Anitha Rani .K.V and T.S. Jagadeesh Kumar (2016)</b> Impact of few active amino acids fortified mulberry leaves fed during fifth instar PM X CSR <sub>2</sub> silkworm hybrids. 26 <sup>th</sup> National Symposium on Chronobiology held on 2-3 June 2016. Department of studies in Zoology. University of Mysore Manasagangotri, Mysuru.
65	<b>Anitha. N and T.S.Jagadeesh Kumar (2016)</b> Improvement of cocoon parameters of FC <sub>1</sub> ×FC <sub>2</sub> silkworm hybrid fed with mulberry leaves fortified with 2% aqueous ascorbic acid during fifth instar. 26 <sup>th</sup> National Symposium on Chronobiology held on 2-3 <sup>rd</sup> June 2016. Department of studies in Zoology University of Mysore Manasagangotri, Mysuru.
66	<b>Sunil Kumar B.and T.S. Jagadeesh Kumar (2016)</b> Cellular transaminases activity profiles in silk gland tissue of fifth instar MU <sub>852</sub> x CSR <sub>4</sub> hybrid administered with different titre of JH mimic. National Conference on Mulberry Seri-biodiversity - Challenges and future perspectives for sustainable conservation and utilization “MulSeriBioCon2016” held on 8 <sup>th</sup> September 2016. Central Sericultural Germplasm Resources Centre, Hosur. Channagiri District. Tamil nadu .
67	<b>Chaitra. S. and T.S. Jagadeesh Kumar (2016)</b> Calorimetric differential expression of activity profile of haemolymph Succinate dehydrogenase during fifth instar in diapausing and non-diapausing silkworm. National Conference on Mulberry Seri-biodiversity - Challenges and future perspectives for sustainable conservation and utilization “MulSeriBioCon2016” held on 8 <sup>th</sup> September 2016. Central Sericultural Germplasm Resources Centre, Hosur. Channagiri District. Tamil Nadu .
68	<b>T.S. Jagadeesh Kumar (2016)</b> Participated in Two days lecture Series on “Recent trends on Sericulture” on 16 <sup>th</sup> and 17 <sup>th</sup> December 2016 at DOS in Sericulture science University of Mysore Mysusu
69	<b>T.S. Jagadeesh Kumar (2017)</b> One day workshop on Entrepreneurial opportunities in Sericulture on 20 <sup>th</sup> April 2017 at DOS in Sericulture science University of Mysore Mysusu
70	<b>Sunil Kumar B and T.S. Jagadeesh Kumar (2017)</b> Photoperiodically induced changes in haemolymph protein of selected mulberry silkworm breeds National conference on research advances in science and technology held during 26-27 May 2017 at CSI College of Engineering , Ketti valley. Hillgrove Research Pvt Ltd. Coimbatore Tamil Nadu <b>(Received an award of contribution to research work NCARST 2017. (Cash Prize Rs 5000/))</b>

<b>71</b>	<b>Niveditha. S. Rao and T.S. Jagadeesh Kumar (2017)</b> Analysis of ingesta, digesta and growth rate of foundation crosses of late age silkworm hybrids fed with different doses of cholesterol fortified mulberry leaves. National conference on research advances in science and technology held during 26-27 May 2017 at CSI College of Engineering , Ketti valley. Hillgrove Research Pvt Ltd. Coimbatore Tamil Nadu
<b>72</b>	<b>Jagadeesh Kumar T. S (2017)</b> Participated in Mysuru Literary Association with National convention of creative writers in English conducted Mysuru literary fest held on 18.07.2017 Senate Bhavan Manasaganothi University of Mysore. Mysuru-06
<b>73</b>	<b>Jagadeesh Kumar T. S (2019)</b> Participated in National workshop on quality research methodology and writing publishing skills for researchers organized by DOS in Library and information sciences held on 26 – 27 <sup>th</sup> July 2019 at Institute of excellence(IOE) Manasaganothi University of Mysore. Mysuru-06
<b>74</b>	<b>Jagadeesh Kumar T. S (2019)</b> Participated in National workshop on Scientific Equipments , applications and data analysis in advance research organized by institute of excellence on 17– 24 <sup>th</sup> September 2019 Institute of excellence (IOE) Manasaganothi University of Mysore. Mysuru-06
<b>75</b>	<b>Chaitra S and T .S Jagadeesh Kumar (2019)</b> Investigations on synthesis and utilization of sorbitol content in the embryo of acid treated hibernated eggs of few silkworm hybrids. National seminar on recent innovations and future prospects in animal sciences, 26 <sup>th</sup> -27 <sup>th</sup> September 2019, Department of Zoology Kakatiya University, Warangal, Telangana.
<b>76</b>	<b>Sunil Kumar B and T. S Jagadeesh Kumar (2019)</b> Effect of serimore on protease and trehalase activity levels of haemolymph and midgut tissue of selected silkworm hybrid. National seminar on recent innovations and future prospects in animal sciences, 26 <sup>th</sup> -27 <sup>th</sup> September 2019, Department of Zoology Kakatiya University, Warangal, Telangana. <b>(Best presentation award received )</b>
<b>77</b>	<b>Jyothi Prasad baurah, Chinmayee Kalitta and T.S Jagadeesh Kumar (2019)</b> Rhythmics of lactic acid content in acid treated hibernated eggs of silkworm under photophase and sctophase National seminar on recent innovations and future prospects in animal sciences, 26 <sup>th</sup> -27 <sup>th</sup> September 2019, Department of Zoology Kakatiya University, Warangal, Telangana.
<b>78</b>	<b>Kishore Kumar B, Chaitrashree and T. S Jagadeesh Kumar (2019)</b> Photopsensitive effect on ontogenic changes in glycogen content of acid treated hibernated eggs of the silkworm. National seminar on recent innovations and future prospects in animal sciences, 26 <sup>th</sup> -27 <sup>th</sup> September 2019, Department of Zoology Kakatiya University, Warangal, Telangana.
<b>79</b>	<b>Sunil Kumar B and T. S Jagadeesh Kumar (2019)</b> Topical administration of serimore during fifth instar late age silkworm and performance of quantitative and qualitative traits of selected hybrids. International conference on Global research initiatives for sustainable agriculture and allied sciences on 20 -22 <sup>nd</sup> October 2019 at ICAR- National academy of agricultural research management Rajendranagar Hyderabad Telangana

<b>80</b>	<b>Chaitra S and T .S Jagadeesh Kumar (2019)</b> Photoperiod imposed during embryonic period of the silkworm and manifestation of quantitative and qualitative traits of multivoltine strains/breeds. International conference on Global research initiatives for sustainable agriculture and allied sciences on 20 -22 <sup>nd</sup> October 2019 at ICAR- National academy of agricultural research management Rajendranagar Hyderabad Telangana
<b>81</b>	<b>Chaitrashree H.K. and T .S Jagadeesh Kumar (2019)</b> Evaluation of biochemical constituents of v <sub>1</sub> mulberry variety grown in different farmer's field under irrigated conditions 12 th National Women's Science Congress held 7- 9 <sup>th</sup> November 2019 at SBRRM PG centre Metagalli Mysuru
<b>82</b>	<b>Chinmayee Kalitta and T.S Jagadeesh Kumar (2019)</b> Rhythmic changes in pyruvic acid and lactic acid level in silkworm eggs under photophase and scotophase regimes 12 th National Women's Science Congress held 7- 9 <sup>th</sup> November 2019 at SBRRM PG centre Metagalli Mysuru
<b>83</b>	<b>Chaitra S and T .S Jagadeesh Kumar (2019)</b> Expression of economic traits of multivoltine silkworm exposed to light and dark conditions during embryonic period 12 th National Women's Science Congress held 7- 9 <sup>th</sup> November 2019 at SBRRM PG centre Metagalli Mysuru

***Delivered invited lectures:***

<b>1</b>	Delivered an invited talk on the topic Physiology of embryonic diapause 6 <sup>th</sup> October 2007. University of Kerala. Kariyavottam, Kerala
<b>2</b>	Delivered an invited talk on the topic Biology to Biotechnology 5-6 <sup>th</sup> October 2011. Sri Padmavathi Mahila Visvavidyalayam (Women's University) Tirupati,
<b>3</b>	Delivered an invited talk on the topic An over of nano science 5-6 <sup>th</sup> October 2011 Sri Padmavathi Mahila Visvavidyalayam (Women's University) Tirupati
<b>4</b>	Delivered an invited talk on the topic Expression of baccolovirus gene in silkworm on 27 <sup>th</sup> October 2012 at PG Department of studies in Applied Zoology, Maharanis Science College , JLB Road .Mysuru
<b>5</b>	Delivered an invited talk on Why sericulture 27 <sup>th</sup> October 2012. at PG Department of Applied Zoology , Maharanis Science College, JLB Road Mysuru
<b>6</b>	Coaching classes conducted for Competitive examination -KAS Students, University of Mysore , Mysuru

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

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

