

CURRICULUM VITAE

Dr.S.SMITHA
Reader in Sericulture
Department of Sericulture
S.T.S.N.Govt.Degree College, Kadiri

Areas of Research:	Silkworm Nutrition in field of Insect Physiology, Bio chemical parameters and histology
Teaching Experience:	25 Yrs
Research Experience:	12 yrs

Academic Profile:

Degree	Year	University	Subject	Percentage	Grade
B.Sc	1990-1993	S.V.University, Tirupathi	Botany, Zoology and Chemistry	77.1	Distinction
M.Sc.,	1993-1995	Mahila University, Tirupati (SPMVV)	Sericulture	78.4	Distinction
M.Phil.	1999-2002	Sri Krishndevarayana University, Ananthapuramu	Impact of Selenium on some physiological and Cocoon commercial Characters of Silkworm B.mori	75.5	First Class
Ph.D.	2002-2007	Sri Krishndevarayana University, Ananthapuramu	Impact of Selenium on some Biochemical and histological aspects of Silkworm B.mori.L	Awarded	First Class
UGC NET	1995	UGC accredited			Qualified

Employment Profile:

S.no.	Position	Period	No. of years
1	Asst. Professor (Lecturer)	1996-2002	6years
2.	Asst. Professor-Senior Grade	2002-2006	4 years
3	Asst. Professor-Selection grade	2007-2009	3 yrs
4.	Reader	2009 -2019	10yrs
5.	Principal	2020 to till today	2 Yrs

Current Research Experience:

Position	Year	Organization	Description
As Research Scholar	1999-2007	Sri Krishndevaraya University, Ananthapuramu	M.Phil entitled “ Impact of Selenium on some physiological and Cocoon commercial charecters of Silkworm B.mori.L Ph.D entitled “Impact of Selenium on Certain Bio chemical and Histological aspects of Silkworm Bombyx mori.L
As Principal Investigator	2008-2010	S.T.S.N.GOV.T.DEGREE COLLEGE,KADIRI	Carried out UGC minor research project on “Ericulture in Kadiri-an institute-Village linked programme on feasibility,technology development,transfer and refinement”.

Research Papers Published: 10 International+5 national+7 in proceedings of international seminar and 17 abstracts in proceedings of National seminars

Awards and recognitions as a student:

S.No	Year	Award/Recognition
1	1988	School II rank
2	1993	College I Rank in B.Sc BZC, SVU.Tirupathi
3	1993	Best out going Student
4	1993	Ganana Jyothy award
5	1995	University II rank in M.Sc Sericulture,SPMVV,Tirupathy
6	1995	U.G.C- NET (National Eligibility Test) for Univ. Lecturers.

Awards received as a Faculty:

- Received Best teacher Award in 2010 by the A.P.State Government
- Received Grants from UGC, DBT, APSCHE, APCOST towards Minor research Project and Organization of National Seminar

Academic activities:

- Chairman- Board of Studies, Dept. of Sericulture, S.T.S.N .GDC,Kadiri
- Organizer-National seminar on Cutting Edge technologies in vanya Silk Research – India
- Delivered Talks , as Resource person, for UNNATI skill development institute Kadiri
- Delivered Talks , as Resource person for professional school, RDT,ATP
 - As Invited Lecturer for Junior colleges and Schools

Acted as Coordinator for following schemes:

Position Held	
Member	District level Committee for Industry Connect under Chairmanship of Hnbl'District Collector, SSS.Dt.
As FAC Principal	Acted as Principal FAC from 2019-2020 at GDC KDR & GDC.W.HDP in 2021
JKC Coordinator	Acted as Coordinator for 2 academic years 2009 – 10 and 2010-11 and 35 JKC trained have got placements in Sparsh BPO, Bangalore in Job mela organised at Anantapur 2010 Photo annexure enclosed
Women Empowerment Cell Coordinator	As Coordinator of Women Empowerment Cell Enclosed Annexure
UGC NWRC Coordinator	Acted as coordinator and creating awareness among staff and students regarding computer basics - Enclosed Annexure
Career Guidance Cell Coordinator	Playing key role in creating knowledge resources.
Controller of Examinations	Acted as incharge chief controller of exams.
In charge Principal	Many times acted as incharge of principal at need times.
Any Other responsibility assigned by the department/ principal of the college	Being the head of the department and senior most lecturer my services are utilized by the college in various ways. As Chief Superintendent of the examinations As chief Superintendent of B.Ed Examinations As Chief of POLYCET-2013 As joint chief of POLYCET-2016 Acting as coordinator for UGC schemes. As Custodian of SKU Public Examination question Papers Acted as convener of IQAC-2005

Community development activities:**Being a Human...**

- **Poor Student funding at need times**
- **Rallis against women atrocities**
- **Taken initiation to plant 300 plants in the campus towards The GREEN MOVEMENT-Fight against Green House Effect**
- **Organizing a mid day meal programme for Sericulture students**
- **Participated in indo American free eye camp at Kalasamudram,Kadiri**
- **Participated and Contributed in Free Medical Camps (general)-**
- **Participated in Awareness camp on RTI**
- **Organised Awareness camp on Voter's rights**
- **Conducted Women's day celebrations for encouraging rural girl child towards education**

- **Donations to Ramakrishna Matt, Kadapa for orphanage.**
- **Donation to Bhagavan ramana maharshi Ashram, Arunachalam.**

Personality development activities:

As coordinator of Career Guidance and Counselling cell

- Organized 2 Job Melas
- Organized Interactive workshop on ‘Communication skills’
- Organized Interactive workshop on ‘Career options to graduates’
 - Organized Interactive workshop on ‘Soft skills’
 - Organized Interactive workshop on ‘Positive attitude’.
- Organized **Improvement of Skills in Interview- Awareness Programme**
- Interactive workshops on ‘Personality development and Human values’

Books/Chapters authored:

- Authorized ac Book titled *Selenium and Silkworms* -Discovery Publishing House Pvt. Ltd., New Delhi in 2012.
- Contributed Chapter in the subject; *“Haemolymph Trehalose and Fat body Glycogen Phosphorylase- Interrelationship in Silkworm Bombyx mori L. Chronically exposed to Fluoride”* in Book on *“Recent Trends in Sericulture”* Published by Narendra Publishing House, Delhi – 110006 (India) in 2011

Minor Research Projects:

S.No	Title of the Project	Funding Agency	Duration	Financial Assistance	Status of the project
1.	Ericulture in Kadiri- an institute-village linked programme on feasibility, technology development, refinement and transfer.	UGC (Minor)	2008-10	75,000	Completed

2.DBT funded POPULAR LECTURES IN BIOTECHNOLOGY BY EXPERTS

Popular Lectures									
S.No	ProposalCode	Applicant Name, Age, Designation	Organization Name, Address, Email ID	Title & Date of Lecture(s)	Expected No. of Auditees	Previous grants received from DBT	Amount Requested from DBT	Remarks	Recommendation of the committee
PL1	DBT/CTEP/04/201400913	Dr.S.Smitha 41 years Reader in Sericulture	Department of Sericulture, STSN Govt. Degree College, Kadiri, Anantapur Dist., A.P. Department of Sericulture, STSN Govt. Degree College, Kadiri, Anantapur Dist., A.P., Andhra Pradesh -515591 saismitha.vanyasilks@gmail.com ;smitha_seri@yahoo.co.in	Large Scale Production of Biologicals 6/7/2015 Application of Biotechnology in Sericulture 6/7/2015 Biopesticide Development 6/7/2015	450	Yes	65000		Recommended

PC 001-Lacks scientific merit; PC 002-Not supported for any training courses/programmes/In-house activities ; PC 003-Paper Acceptance letter not found; PC 004-Senior Scientist is not supported for poster Presentation; PC 005-Approval of HoD/Lead author and supervisor not found; PC 006-Co-author in a poster presentation is not supported; PC 007-No Novelty and work proposed is of routine nature; PC 008-No hardcore biotechnology R&D component; PC 009-Received grant in last 3 years; PC 010-Not a mandate of DBT; PC 011-Lacks relevant expertise; PC 012 Incomplete information; PC 013-Event is over; PC 014-Not Eligible; PC 015-In the present form it is not recommended. However improvement in the R&D may be useful for future support.

Notes: 1. "There may be some delay in releasing the grant due to paucity of budget. However, the release will be made as recommended after receiving required documents."
2. "Participation in the exhibition will be subject to formal approval from the Department".

National Seminar Organized:

National Seminar on "Cutting Edge Technologies in Vanya silk Research- India"

Sponsored by UGC, DBT, APSICHE, APCOST-2012



Few Selected Peer reviewed Research Publications:

1.	International/ National	Title	Published by
2.	International	Holy Basil: A Potential herbal source for therapeutic applications	Current trends in Biotechnology and Pharmacy Vol.15(87-100 January 2021, ISSN 0973-8916,2230-7303(online) DOI: 10.5530/ctbp2021.1.10
3.	International	Techno Economic Feasibility of Ericulture	Research Journal of Agricultural Sciences.8(6).Non-Dec.2017 ISSN:0976-1675
4.	International	Empowerment of rural youth through Sericulture in A.P-Present Scenario and Prospects ahead	Journal of Agricultural Extension and Management .Vol.XVIII Jan-June 2017. I ISSN 0976-3120
5.	International	Selenium Bioaccumulation: Impact on the Fat Body Histology of Silkworm Bombyx. Mori L.”	SETAC, Europe 24th Annual meeting held at Basel, Switzerland. 11th – 15th May 2014, pp.320
6.	International	Histopathological Changes in Malpighian Tubules of Silkworm Exposed to Selenium	American-Eurasian Journal of Toxicological Sciences 4 (2): 98-102, 2012 ISSN 2079-2050 © IDOSI Publications, 2012 DOI: 10.5829/idosi.aejts.2012.4.2.62128
7.	International	Effect of Vermicompost of Sericulture Wastes on soil Bacterial Count, Dehydrogenase Activity and Soil Respiration.	Advances in Plant Sciences, An International Biannual Research Journal Published under the Academy of Plant Sciences, India.26 (I) 57 – 59, 2013 ISSN-0970-3586
8.	International	Genetic diversity and Enzymes among selected silkworm races of Bombyx mori.L	International journal of Science and Nature.

			IJSN., Vol.2(4)2011:773-777 ISSN 2229-6441
9.	International	Metabolic status of Eri silkworm on feeding two host plants, castor and Tapioca at different temperatures. (Black Caspian Seas and Central Asia Silk Association. BACSA) Institute for Bio engineering, biotechnology and Environmental Protection-S.C. BIONING S.A. Bucharest, Romania.	5 th BACSA International Conference” Sericulture for Multi products- New prospects for development” SERIPRODEV April-11 th -15 th 2011 Bucharest, Romania
10.	International	Effects of Selenium on the Physiology of Heart Beat, Oxygen Consumption and Growth in Silkworm Bombyx mori L.	American-Eurasian Journal of Toxicological Sciences 2 (4): 215-219, 2010 ISSN 2079-2050 © IDOSI Publications, 2010
11.	International	Selenium induced changes on carbohydrate metabolism in haemolymph and fat body tissue of Silkworm Bombyx mori. 1	Animal sciences Biospectra: Vol.4(1), March 2009, pp 41-44 An international Biannual Journal of Life sciences. ISSN: 0973-7057
12.	International	Physiological and Biochemical Responses of Samia Ricini to Selenium	6 th international conference on wild silk moths. Tokyo university of Agriculture Setagaya-Ku Tokyo, Japan Sepr.21-23,2010
13.	International	Alterations in the Haemolymph Biochemical Parameters of Silkworm Bombyx mori L. treated with Selenium	American- Euracian Journal of Toxicological Sciences 2 (1): 51-53,2010 ISSN 2079-2050 Idosi publications,2010
14.	International	Bio energetics and commercial productivity of Eri silkworm Samia ricini Donovan in different temperature conditions.	Proceedings 21 st International Sericultural congress 2008 3-6 November 2008

			pp.158-163. Athens, Greece
15.	International	Efficacy of selenium on silkworm (Bombyx mori. L) cocoon characters.	International journal of Industrial Entomology. IJIE.(2006)

The Government of A.P. recognized the services, activities and achievements and honored with the *State's "Best Teacher"* award for the year 2010



Dr.S.Smitha Reader in Sericulture

Research publications-2017-18

★ Proud to deliver a talk on Personality Development through Human Excellence for Students of Proficiency college of Rural Development Trust founded by the greatest human being Father Vincent Ferrer ji.



- ★ *A feel of responsibility to motivate the young minds towards development of skills lead me deliver a talk on Improvement of Skills at UNNATHI SKILL Centre KADIRI*



- ★ *Realizing the responsibility of bringing awareness among stake holders /community regarding the significance of tree plantation which provides Oxygen reducing due to the raise in temperature by absorbing Green house gasses such as Co₂.nitrous oxide, Carbon monoxide etc..*



