



PERSONAL HISTORY STATEMENT (PHS)



1. Family Name: AZEEZUR REHMAN		Other names: NASEEMA BEGUM	
2. Birth date (dd/mm/yy):		05/04/1954	
3. Nationality at Birth:		INDIAN	
4. Present Nationality:		INDIAN	
5. Gender: Male <input type="checkbox"/> Female <input checked="" type="checkbox"/>		6. Single <input type="checkbox"/> Married <input checked="" type="checkbox"/> Divorced <input type="checkbox"/> Separated <input type="checkbox"/> Widowed <input type="checkbox"/>	
7. Current mailing address:(Valid until: 30/04/2014) CENTRAL SERICULTURAL RESEARCH AND TRAINING INSTITUTE, MANANDAVADI ROAD, SRIRAMPURA, MYSORE – 570 008 Telephone(s): (country & city code): +91-9449406746 Fax: +91821-2362845 Email: naseemcsrti@yahoo.com		8. Permanent mailing address: HOUSE No. 204, SRIRAMPURA, 8 TH MAIN, 1 ST CROSS MYSORE – 570 023 Telephone(s): (country & city code): +91-9449406746 Fax: Nil Email: naseemcsrti@yahoo.com	
9. Your Profession: SCIENTIST – SERICULTURE Main field(s) of specialization: (a) SILKWORM BREEDING (b) SILKWORM SEED TECHNOLOGY (c) TEACHING AND TRAINING		10. What is the maximum period of assignment that can be taken up by you? (month/year) ONE YEAR 11. When are you available for an assignment? (month/year) SEPTEMBER 2014	



12. Are you presently employed? Yes No

How many weeks do you need to report to the duty station from the time your appointment is confirmed?
FOUR WEEKS

13. What is your mother tongue? URDU

14. Other languages: (enter 4 for fluent, 3 for good, 2 for fair and 1 for basic)

Other languages	Read	Write	Speak	Understand
a) ENGLISH	4	4	4	4

Note: If selected for a VEP assignment, your language ability will be tested during the interview.

15. University or equivalent, technical education, vocational or other types of training (of more than six months' duration only): From/to (month/year) Institution (city/ country) Main field of Study Degree/ diploma obtained

a) Ph.D.	ZOOLOGY	UNIVERSITY OF MYSORE, MYSORE	1995
b) M.Sc.	ZOOLOGY	NAGARJUNA UNIVERSITY, GUNTUR, AP	1977
c) B.Ed.	ENGLISH AND BIOLOGY	UNIVERSITY OF MYSORE, MYSORE	1975
d) B.Sc.	ZOOLOGY, BOTANY AND CHEMISTRY	UNIVERSITY OF MADRAS	1974

16. Detail your work experience, in reverse chronological order, starting with the present or most recent one

(a) Employer / Organization:

MEMBER SECRETARY

CENTRAL SILK BOARD

GOVERNMENT OF INDIA

Work Location: CSR&TI, MYSORE

Description of major activities:

1. RESEARCH ON SILKWORM BREEDING AND SILKWORM SEED TECHNOLOGY
2. TEACHING & TRAINING IN SERICULTURE

Your functional title:

SCIENTIST – D

HEAD, SILKWORM BREEDING LAB & DIVISIONAL CHIEF, SERICULTURE DIVISION

Period of work: 2009 – 2014

Reason for leaving: RETIREMENT FROM SERVICE ON 30TH APRIL 2014

(b) Employer / Organization: MEMBER SECRETARY
CENTRAL SILK BOARD
GOVERNMENT OF INDIA

Work Location: CSR&TI, MYSORE

Description of major activities:

1. RESEARCH ON SILKWORM BREEDING AND SILKWORM SEED TECHNOLOGY
2. TEACHING & TRAINING IN SERICULTURE

Your functional title:
SCIENTIST – C
SILKWORM BREEDING LABORATORY

Period of work: 2006 – 2009 (4 years)

Reason for leaving: PROMOTION

(c) Employer / Organization: MEMBER SECRETARY
CENTRAL SILK BOARD
GOVERNMENT OF INDIA

Work Location: CSR&TI, MYSORE

Description of major activities:

1. RESEARCH ON SILKWORM BREEDING AND SILKWORM SEED TECHNOLOGY
2. TEACHING & TRAINING IN SERICULTURE

Your functional title:
SRO (SENIOR RESEARCH OFFICER)

Period of work: 1986 – 2006 (20 years)

Reason for leaving: PROMOTION

(d) Employer / Organization: MEMBER SECRETARY
CENTRAL SILK BOARD
GOVERNMENT OF INDIA

Work Location: CSR&TI, MYSORE

Description of major activities:

1. RESEARCH ON SILKWORM BREEDING AND SILKWORM SEED TECHNOLOGY
2. TEACHING & TRAINING IN SERICULTURE

Your functional title:
SRA (SENIOR RESEARCH ASSISTANT)

Period of work: 1981 – 1986 (5.5 years)

Reason for leaving: PROMOTION

<p>(e) Employer / Organization: DIRECTORATE OF HIGHER SECONDARY SCHOOL EDUCATION, TAMIL NADU</p> <p>Work Location: VELLORE, TAMIL NADU</p> <p>CORDITE FACTORY HIGHER SECONDARY SCHOOL, ARUVANKADU, NILGIRIS, TAMIL NADU</p> <p>Description of major activities: TAUGHT ZOOLOGY: 11th AND 12th CLASSES</p>	<p>Your functional title: PGT (POST GRADUATE TRAINED TEACHER IN ZOOLOGY)</p> <p>Period of work: 1979 - 1981 (2 years)</p> <p>Reason for leaving: FOR BETTER PROSPECTS</p> <p>Your functional title: JRF-CFTRI, Mysore</p> <p>Period of work: 1978</p> <p>Reason for leaving: FOR BETTER PROSPECTS</p>
<p>17. Can ISC contact your present or most recent employer? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p> <p><i>If yes, please provide telephone number.</i></p>	
<p>18. Do you have any previous volunteer experience? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p> <p><i>If yes, please elaborate.</i></p> <p>1. Selected as Resource person for Consultative Training for Technology Up-Gradation for Women in the field of Sericulture. Imparted upgraded sericulture technologies such as importance of hygiene, disinfection, incubation of silkworm eggs, Maintenance of temperature and humidity, chawki rearing concept, moulting care, late age shoot rearing, mounting care, harvesting of cocoons and cocoon transportation and importance and benefit of bivoltine silkworm hybrids rearing for higher income to over 50 rural women for over two years.</p> <p>2. I was instrumental in providing employment to an unemployed women candidate for 2 years under the financial funding scheme of science and societal program of Department of Science and Technology (DST), New Delhi, India during 2011 – 2013. The candidate was benefited financially by her association with my project to the tune of Rs.4 lakhs and the sericulture farmers were benefited by my involvement in imparting upgraded bivoltine technology and also provided inputs worth Rs. 3 lakhs for increasing their income. Documentary proof and details enclosed</p>	
<p>19. Have you ever taught and/ or trained others? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p> <p><i>If yes, please provide details :</i></p> <p>Taught and trained sericulture subjects and techniques to International, National officials, students, Central Silk Board staff and sericulture farmers for over 30 years. Details and Certificates enclosed.</p>	
<p>20. If applicable, briefly outline work experience of less than six months (as per item 16): Carried out research in Silkworm breeding & Seed technology and Taught and trained Sericulture Subjects for over 30 years</p>	
<p>21. If you have experience with computers, please explain how you have applied these skills in your area of professional expertise: Yes</p> <p>(a) <i>Specify software applications, programming languages, databases, operating systems, networks, etc. you have used</i></p> <ol style="list-style-type: none"> 1. MS WORD 2. MS EXCEL 3. MS POWER POINT <p>(b) Undergone training in 'Computer Fundamentals & MS Office' at the 'Academy Council of Software Technology Group International Ltd', Mysore.</p>	
<p>22. Do you have a valid driving license? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p> <p>passenger car <input checked="" type="checkbox"/> motorcycle <input type="checkbox"/> van (light truck) <input type="checkbox"/> truck <input type="checkbox"/> bus <input type="checkbox"/> other: <input type="checkbox"/></p>	

23. Person(s) to be contacted in case of emergency:		
Name	Address	Telephone Number(n):
a) MRS CHAND BEGUM	C/o ABU SAYEED, ADVOCATE, NEAR POLICE LINES, HOSPET – 583201, BELLARY DISTRICT, KARNATAKA	+91-9448717140
b) MRS. ABIDA SHARIN	W/o OF SADIQUR REHMAN, VIDYANIKETAN PU COLLEGE, GONIKOPPA SOUTH, COORG – 571213	+91-9480788299
24. Name of spouse: V FAZLULLAH		Nationality of spouse: INDIAN
25. Has your spouse ever submitted VEP PHS form?		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
26. Are you in possession of a valid travel document?		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> If yes, specify:
Passport:	Other:	
Number: F3116503 Place of issue: BANGALORE / INDIA Date of issue: 03/05/2005 Expiry date: 02/ 05/2015		
	city/country	dd/mm/yy
27. Mention any significant physical or psychological illness or disability you have, or have had, which would have a bearing on your assignment:		
NIL		
28. Have you ever been arrested and/or been convicted (excluding minor traffic violations)?		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
NIL		If yes, provide details:

29. Mention any relevant factors, any skills, interests, qualifications, geographical and cultural concerns not indicated elsewhere in this form:

SUMMARY OF SERVICE RECORD FROM 1981 TO 2014

Name	Dr. A. NASEEMA BEGUM, SCIENTIST- D
Academic Qualification	M.Sc., B.Ed., Ph.D
Expertise Area	Bivoltine Silkworm Breeding
Service record	33 yrs : SRA - 5 ½ yrs, SRO- 20 yrs, Scientist C-4 yrs, Scientist D- 4+ yrs
Positions Held	Head, Silkworm crop Improvement section: Since 2011 Divisional Chief, Sericulture Division: Since 2013
Achievements	
i) Hybrid authorization	<ol style="list-style-type: none"> 1) As C.I got authorized two bivoltine silkworm hybrids viz., (CSR50 x CSR51)-Chamaraja and (CSR50 x CSR52) x (CSR53 x CSR51) Jayachamaraja during 2013 2) As C.I submitted two-bivoltine silkworm hybrids viz., D2 x D13 (single hybrid) and (D1 x D2) x (D11 x D13) – (double hybrid) for Hybrid Authorisation during 2013
Research i) Awards	<p>Merit certificate for out-standing contribution in the field of Sericulture during 2008.</p> <p>Merit certificate for proficiency in Zoology during 1974.</p>
ii) Breeds / Hybrids developed	<ol style="list-style-type: none"> 1) Developed Sericin rich bivoltine silkworm breed 'N' and hybrid 'N x CSR26' 2) Evaluated 28 three - way cross hybrids and short listed four hybrids viz., FC1 x CSR2, FC1 x CSR17, FC3 x CSR2 and FC3 x CSR17. 3) Evolved twenty four pure lines under stress breeding programme 4) Developed two hybrids A3 x 935E & A3 x 916B with high survival 5) Developed two thermo-tolerant hybrids viz., AHT x FHT and BHT x GHT.
Evaluation	<ol style="list-style-type: none"> 1) Evaluated and identified two promising accession viz., BV 183 (SMGS-1) BV 262 (SMGS) under AIMSEP, CSGRC, Hosur. 2) Evaluated and identified hybrid, A3 x 916 B with minimum size deviation (1.51), optimum boil-off loss ratio (23.7%) and higher neatness (93.0p). The parents of selected hybrid are used as breeding resource material 3) Field tested a total of 20,000 dfls of CSR2 (SL) with the farmers and the average cocoon yield /100 dfls was 62.5 kg and with 6.5. renditta. 4) Evaluated 25 poly x biv hybrids-(2003) and found the hybrid PM x CSR50 superior over the control hybrid PM x NB4D2. 5) Evaluated Chinese double hybrid along with the Indian double hybrid in co-ordination with the Chinese Technical Assistant from China during 2003 and found the superiority of the Indian double hybrid in respect of cocoon traits as compared to the Chinese double hybrid. 6) Twenty four bivoltine breeding resource material along with the passport details were sent to CSGRC, Hosur during 2008 for their maintenance and utilization
iii) Popularization of authorized bivoltine single and double hybrids	<ol style="list-style-type: none"> 1) Test verified the performance of new double hybrid 'Jayachamaraja' (CSR50 x CSR52) x CSR53 x CSR51) for its efficacy in the laboratory, at the 19 test centers under hybrid authorization programme (2011-12) and field tested 22,020 dfls during 2010-2011. The average cocoon yield was 68.72 kg /100 dfls as against 65.18 kg /100 dfls in the control double hybrid (CSR6 x CSR26) x (CSR2 x CSR27) and found superior, hence the farmers prefer the same.

	<p>2) Supplied 3,37,050 dfls of hybrid CSR16 x CSR17 to 963 South Indian farmers. The yield / 100 dfls was 63.80 kg as against 61.80 kg in the control hybrid CSR2 x CSR4. The large scale field trials resulted in the adaptation of the hybrid CSR16 x CSR17 by the farmers of southern states as supplementary hybrid.</p> <p>3) Popularized the Productive Bivoltine Silkworm Double Hybrid (CSR6 x CSR26) x (CSR2 x CSR27) DH-1 'Krishnaraja' for higher income with the farmers of Srirangapatna Taluk, Karnataka in place of cross breed rearing through DST funded project 2011-2013.</p>
iv) Patents	Developed cost effective, simple sericin extraction technique from sericin rich bivoltine silkworm hybrid cocoon shells. Registered patent for sericin extraction process vide patent No. (4.4.4/09103/2010) dated 23.04.2010.
v) Sericin Powder commercialization	Trade enquiries being generated for the commercialization of sericin powder which is an import substitute for the production of cosmetics and medicines
Research Projects Concluded	<p>Completed ten research projects in Bivoltine Silkworm Breeding as Principal (P.I) & Co-Investigator (C.I)</p> <ol style="list-style-type: none"> 1) Breeding for improvement of productivity in the Indian silkworm breeds -(for higher survival) AIB-3073- (1995-1998) as P.I 2) Breeding for improvement of productivity in the Indian silkworm breeds-(Breeding for Thermo-tolerant bivoltine breeds / hybrids)- AIB-3073 (1996-1999) as P.I 3) Evaluation of the genetic material for the identification of the silkworm hybrids. AIB-3073 (1999-2000) as P.I 4) Breeding for improvement of silk quality in the bivoltine silkworm breeds / hybrids AIB001(2001-2005) as P.I 5) Development of higher sericin content in the bivoltine silkworm breeds / hybrids AIB001 (2006-2008) as P.I 6) Test verification of the newly developed silkworm breeds / hybrids- AIB-3265 (2002-2007) (Phase-I) as P.I 7) Shuttle breeding approach for development of bivoltine silkworm hybrids with better plasticity. CNR (Nov2003-July 2007) as C.I 8) All India mulberry and silkworm germplasm evaluation program for evaluation of silkworm germplasm. PIE-3257 (2003-2005) as C.I 9) "Test verification of the newly developed silkworm breeds / hybrids"- SIM 0007 2007-2012 (Phase-II) as P.I 10) "Popularization of the Productive Bivoltine Silkworm Double Hybrid (CSR6 x CSR26) x (CSR2 x CSR27) 'Krishnaraja' with the farmers of Karnataka" under WOS – B societal programme – DST funded project: Rs.10.39 lakhs – MOE3463 (2011-2013) as P.I.
Research Projects Current	<p>Current research projects in bivoltine silkworm breeding: P.I-2 & C.I-01</p> <ol style="list-style-type: none"> 1. "Evaluation and identification of three - way cross hybrids for commercial exploitation" Code :SEM: 0008 (2010-2014) as P.I <p>So far three-way cross hybrids involving bivoltine silkworm breeds have not been prepared and studied in India. As P.I. envisaged and developed 28 three way cross hybrids and short - listed four promising hybrids viz., FC1 x CSR2, FC1 x CSR17, FC3 x CSR2 and FC3 x CSR17 to change the future sericulture scenario in India. The</p>

	<p>short listed three-way cross hybrids were tested under on -farm trials at RSRs. The results both at laboratory and under on-station trials are comparable with the control double hybrid but better than the single hybrid. These hybrids will be evaluated in large scale before being popularised</p> <p>2. Maintenance of bivoltine silkworm breeds Code: SIM 0006”, (2009-2014) as C.I</p> <p>The aim of this project is to maintain the various bivoltine silkworm breeds such as breeds under commercialization, elite lines and lines in pipe line conforming to their original characteristics, to exploit the true hybrid vigour in the field.</p> <p>As C.I. a total of 31 bivoltine silkworm breeds comprising of 10 productive breeds, 13 robust breeds, five sex-limited breeds, two thin denier breeds and one sericin rich breed “N” have been reared following the race maintenance technology and maintained as per their breed characteristics and supplied to the down stream multiplication levels.</p> <p>3. Popularization of authorized silkworm hybrids among the farmers of south India – Code:AIB-3496 (2012-2014) as P.I</p> <p>The aim of the project is to popularize the more profitable bivoltine silkworm hybrids as replacement for the conventional hybrid CSR2 x CSR4.As Co-co-ordinator supplied a total quantity of 3,37,050 dfls of CSR16 x CSR17, 78,050 dfls of CSR46 x CSR47 and 71,700 dfls of GEN3x GEN2 (CSR&TI, Mysore), 1,07,888dfls of MH1 x CSR2 (KSSRDI, Bangalore), 20,000 dfls of APS45 x APS12 and 32100 dfls of APDR15 x APDR115 (APSSRDI, Hindupur) and field tested with the farmers. The average yield / 100 dfls recorded were 63.80 kg, 50.0 kg and 60.88 kg, 66.18 kg, 45 kg and 49.23 kg respectively as against 61.68 kg in the control hybrid CSR2 x CSR4. The hybrid CSR16 x CSR17 was found to be comparatively better than the conventional hybrid and it is highly preferred by the farmers.</p>
<p>Assignments i) Teaching and Training Sessions</p>	<ol style="list-style-type: none"> 1) Delivered lectures to trainees from National, International, officials of DOS, CSB staff, students and farmers from different states from 1981 till 2014. 2) Delivered guest lectures on the importance & benefits of bivoltine silkworm hybrid rearing, different aspects of silkworm rearing such as chawki rearing, late age rearing and care during mounting and details on silkworm breeds, hybrids and their characteristics under different structured programmes. 3) Taught sericulture sciences to the trainees from different states of India under ‘Short-Term Course’ in sericulture and ‘Specialization in Tropical Sericulture’ -1990-1995. 4) Trained farmers, DOS staff from different states of India and JICA sponsored international trainees on bivoltine hybrid rearing through demonstrative lectures-1990-2005 5) Taught Silkworm breeding and Silkworm seed technology to M.Sc. students (2008-09)
<p>Guidance</p>	<ol style="list-style-type: none"> 1) Guided STS candidates for dissertation in seed technology aspects (1988-90). 2) As recognized Ph.D guide in ‘Sericulture’ since 2006, guided four M.Sc students for their dissertations in sericulture and biotechnology aspects (2008-2010) 3) Doctoral committee Member: attended viva voce for the Ph.D, degree award

Training conducted	<ol style="list-style-type: none"> 1) Associated and trained one foreign personnel from Paraguay on “Silkworm Race Maintenance and Egg Production” from 17.07.07 to 22.09.07. 2) Organized Race Authorization Training programme for DOS officials and CSB staff (2011). 3) Associated and trained foreign officials from Bangladesh in “Silkworm Race Maintenance” programme during 2013.
i) Extension	<ul style="list-style-type: none"> ❖ Field visited and monitored the bivoltine double hybrid rearing with the rural farmers and suitable suggestions made. ❖ Field visited and created awareness on bivoltine hybrid rearing among the rural farmers through counseling, proactive and interactive sessions ❖ Participated in inter-active sessions with rural farmers during ‘Field-days’.
ii) Reshme Krishimela (Farmers Meet)	<ul style="list-style-type: none"> ❖ As Chairperson for Exhibition and demonstration committee, organized exhibition and demonstration of the technologies at the farmers Meet and also interacted with the farmers at the Technical session held at CSR&TI, Mysore and in different places from 2008 till date.
iii) National Conference	<ul style="list-style-type: none"> ❖ Technical committee member: Screened abstracts, evaluated technical books, presented papers & as rapporteur for the poster session at the National Conference held at CSR&TI, Mysore on 28th and 29th January 2011.
iv) Bivoltine cocoon quality control	<ul style="list-style-type: none"> ❖ Monitored the Bivoltine cocoon quality in the field through survey, data collection, strategy formulation and implementation
v) Rotary mountage popularization	<ul style="list-style-type: none"> ❖ Popularizing rotary mountages for quality cocoon production through JICA funding 2013-2014..
vi) NSSO-Monthly review meetings	<ul style="list-style-type: none"> ❖ Representing Central Sericultural Research & Training Institute, Mysore at the Monthly review meetings of National Silkworm Seed Organization (NSSO) at Bangalore from 2009 till date
vii) Selection committee member	<ol style="list-style-type: none"> 1. Interviewed 28 candidates (2010) & 16 candidates (2014) for JRF post held at CSR&TI, Mysore and selected list submitted 2. Interviewed 275 candidates for the post of Field Assistant held at CSR&TI, Mysore from 07.03.11 to 12.03.11. Selection list submitted.
Training Undergone	<p>International:01 (Genetics & Breeding of mulberry and silkworm)</p> <ol style="list-style-type: none"> 1. Undergone Advanced Training in Genetics & Breeding of Mulberry and Silkworm at RSTC, Guangzhou, Republic of China from 24.04.94 to 02.07.94 <p>National: 13</p> <ol style="list-style-type: none"> 1. Qualified at the National test for silkworm breeders during 1993 2. Undergone Specialized training in rearing and breeding of mulberry Bivoltine silkworm under Dr. T. Takamiya Japanese silkworm breeding expert at CSR&TI, Mysore, sponsored by JICA programme from 01.07.95 to 31.08.95 3. Undergone training in ‘Computer Fundamentals & MS Office’ at the ‘Academy Council of Software Technology Group International Ltd’, Mysore from 15.05.2000 to 20.05.2000 4. Undergone training in ‘Communication & presentation skills’ organized by the International Academy for Creative Teaching at CSR&TI, Mysore during 18th & 19th October 2004.

	<ol style="list-style-type: none"> 5. Under gone training in 'Electrophoresis' at the Dept. of studies in Bio-chemistry, University of Mysore, Mysore from 29th to 7th Sep '07. 6. Undergone training in 'Leadership for women scientists' at ASCI, Hyderabad sponsored by DST, Govt. of India, New Delhi from 1st to 5th Sep.2008 7. Undergone training in "MDP on stress management for enhanced personal organizational effectiveness at the National Academy of Agricultural Research Management", Hyderabad from 18th to 24th February -2009. 8. Undergone training in "Basics of Network and Internet usage" at N I E, Mysore from 16th to 17th Sep' 2011 9. Attended Brainstorming workshop on CPP, RKVY and MGNREGS on 30-31st Jan'12 10. Attended Hindi Workshop: 'Hindi in official work' 2012 11. Undergone training in "CPP Trainers Training Programme": CSB, Bangalore from 23-25.03.13 12. Undergone training in "Bioinformatics and its application" sponsored by DBT, New Delhi, at CSR&TI, Mysore on 19th -20th Nov '13 13. Attended CRC workshop at CSR&TI, Mysore on 13.12.2013.
Fellowships	<p>International: Awarded Science and Technology Agency fellowship by JISTEC-Japan for Research in bivoltine silkworm breeding aspects (1997) at Matsumoto branch, Tsukuba, Japan.</p> <p>National: Awarded JRF-National Fellowship at CFTRI, Mysore Government of India (1978).</p>
PUBLICATION Papers published (1981-2014) TOTAL: 98	<p>[International:17;National:29;Abstracts in Seminars: (41): International seminar – 09; National seminar –32; Popular articles: 11]</p> <p>PUBLICATIONS: TOTAL:98</p> <ol style="list-style-type: none"> 1. INTERNATIONAL PAPERS – 17 2. NATIONAL PAPERS – 29 3. PAPER PRESENTED: INTERNATIONAL SEMINAR – 09 4. PAPER PRESENTED: NATIONAL SEMINAR –32 5. POPULAR ARTICLE – 11
Books 15	
i) Books evaluation for publication (03)	<ol style="list-style-type: none"> 1. A model commercial chawki-rearing centre – A users guide. 2. Equipments and rearing aids. 3. Technologies developed at CSR&TI, Mysore
ii) Books Authored (04) & 'CD'-01	<ol style="list-style-type: none"> 1. Contributed to the book entitled "Breeds & Hybrids at Galore": 2005 2. Co-authored and published the abstracts of research papers at the National Conference on "Sericulture innovation before and beyond" held at CSR&TI, Mysore on 28th & 29th Jan' 2011 3. A Bibliography of Research in Silkworm Breeding (1960-2011) published by CSRTI, Mysore. 4. "Acid treatment technician" (Course code – SER 116) under Modular employable skill courses in sericulture sponsored by "National Instructional Media Institute", Chennai during 2012. 5. 'CD'-01:Co-authored and published a 'CD' on the technologies of CSR&TI, Mysore at the National conference on "Sericulture innovation before and beyond" on 28th & 29th Jan' 2011.

iii) Chapters for book (07)	<ol style="list-style-type: none"> Contributed chapter on, “Silkworm breeds, hybrids and their characteristics” to the technical manual for Third Country Training Programme during 2009 and 2010. Chapters on silkworm breeding to the technical manual for Mexican trainees during 2012 [Silkworm breeds, hybrids and their characteristics, Breeding techniques & Heterosis] Chapters on silkworm breeding to the technical manual for Bangladesh trainees during 2013 [Characteristics of authorized parental breeds, Cocoon selection at P4 and P3 levels of multiplication and Egg handling-Bivoltine.]
Appreciation Certificates	<ol style="list-style-type: none"> Received a letter of appreciation for significant contribution towards the large scale field testing of L14 x CSR2 (2013) Received a letter of appreciation for significant contribution in promoting bivoltine sericulture under the ‘CPP’ during XI plan period in the state of Karnataka (2013)

30. References: List three persons, who are familiar with your character, work and qualifications (excluding relatives):

Full names:	Full address:	Telephone (country & city code)	Profession:
(a) Dr. T. S. Shivanandappa	CSIR Emeritus Scientist, Department of Zoology, University of Mysore, Mysore – 570 006 Email: tshivanandappa@yahoo.com	+91- 9480475885	CSIR Emeritus Scientist
(b) Dr. D’ Souza	Professor, Department of Biochemistry, University of Mysore, Mysore – 570 006 Email: cletus211@gmail.com	+91- 9448958499	Professor Dept. of Biochemistry
(c) Dr. R. K. Datta	House No. 202, Srirampura, 8 th Main, 1 st Cross Mysore – 570 023 Email: kdatta1943@hotmail.com	+91- 9448489388	Director (Retired, CSB)

31. Briefly explain your reasons for applying to become a ISC Volunteer:

- My ambition is to train and empower people especially women with different aspects in sericulture using my 33 years of experience in silkworm breeding, silkworm seed technology and teaching and training.
- My desire to develop employability skills of fellow human beings on humanitarian considerations.
- My interest in interacting with different people in the world.

32. I certify that the statements made in answer to all the above questions are true, complete and correct to the best of my knowledge. I understand that any misrepresentation or omission made in this Personal History Statement form may render my candidature invalid or, if serving as a ISC Volunteer, liable for early termination of my contract. I have read and understood ISC’s Conditions of Service and accept them in principle.

Date (day/month/year): 03 /03/2014

Signature: *A. Naseema Begum*