

BIO-DATA

Dr. R.S.UMAKANTH

Designation:	ASSOCIATE PROFESSOR
Office Address:	Department of Studies in Sericulture Science, Nobel Laureates Avenue, University of Mysore, Manasa Gangothri, MYSURU – 570 006, KARNATAKA STATE, INDIA.
Phone (Office):	0821 2419412 / 2512480
E-mail:	1.dr.rs.umakanth@gmail.com , 2.umakanth@sericulture.uni-mysore.ac.in web : www.uni-mysore.ac.in/dr-r-s-umakanth

Date of Birth: 24/09/1967 **Sex:** Male **Entry into service:** 30.09.1996 & 14.08.2003

Educational Qualifications & Year	Subject	Institution/University
1. M.Sc. 1992 2. Ph.D. 1997* (*First Ph.D. awardee with M.Sc., Sericulture from Univ. of Mysore)	Sericulture	Department of studies in Sericulture Science, University of Mysore, Mysuru, Karnataka

Title of Ph.D. Thesis: Studies on the biochemical genetics of isoenzymes to understand racial differences relevant to voltinism and economic traits in silkworm, *Bombyx mori* L. (1996)

Guide: Prof.Y.Srinivasa Reddy (Retd.) **Associate Guide:** Prof.N.B.Krishnamurthy (Late)

*Fellowship funded by **Central Silk Board, Ministry of Textiles, Govt. of India, New Delhi** as **Junior & Senior Research Fellow** for National Sericulture Project entitled “Studies on the isozymes of different voltine groups of the silkworm, *Bombyx mori* L.” during 1992-96 undertaken by **Prof.N.B.Krishnamurthy**, Retired Professor of Zoology, University of Mysore, Manasa Gangothri, MYSURU-570006.

Additional Technical Qualifications	Civil Service Examination (KAS)
1.P.G.Diploma in Computer Applications 1993 2.P.G.Diploma in Marketing Management 1994 3.P.G.Diploma in Higher Education 2009	Served as Assistant Commissioner at Commercial Taxes Department, Government of Karnataka for ONE YEAR from 28 th April 2006 to 30 th April 2007

Qualified in **FIRST CLASS** in the Departmental Exams conducted by K.P.S.C., Bengaluru 1997 SESSION

Field of Expertise (Teaching and Research) :

1.Breeding and Biochemical Genetics of the silkworm *Bombyx mori* and Mulberry

Academic Distinctions/Contributions:

- Life member of Academic Bodies : 06
- Published Research papers : 20 (International/National: 15, Book Chapters: 05)
- Rapporteur: 10 Technical Sessions 4. Chairman: 02 Technical Sessions
- Conferences / Seminars / Workshops : Paper Presented: 38; Participated: 42; Total : 80
- Invited talk/lectures : 03

Member :

- ✓ Department Council of Department of Sericulture Science, University of Mysore, Manasa Gangothri, Mysore-06 since 2007 to 2019.
- ✓ Admission Committee for M.Sc. and PG Diploma during 2015-16, 2017-18 & 2019-20
- ✓ Faculty of Science & Technology, University of Mysore, Mysore (2010-12 & 2016-18)
- ✓ Board of Examiners in Sericulture Science (P.G.) 2010-11 and 2014-15, 2015-16, 2016-17, 2018-19
- ✓ Chairman (BoE) in Sericulture (PG) 2015-16 and 2018-19.
- ✓ Board of Studies in Sericulture (PG) Dept. of Sericulture Science, Univ. of Mysore, Mysuru
- ✓ Doctoral Committee Member (Ph.D. scholars) : 04 candidates
- ✓ Project Implementation Committee of DST-FIST Program, Department of Sericulture Science, University of Mysore, Manasa Gangothri, Mysuru-06 (2010-2015)
- ✓ Computer Lab (DST-FIST) Administrator at Dept. in Sericulture Science, Univ. of Mysore, Mysuru
- ✓ Faculty Leader of Department of Sericulture Science, Univ. of Mysore, Mysuru for Swachh Gangothri Abhiyan, won 1st PRIZE for cleanest department in Manasa Gangothri Campus.

Organizing Committee Member:

- Two-Day Workshop on Solid Waste Management under ERHDO, (R) Univ. of Mysore, Mysore in 1997.
- 103rd Indian Science Congress organized by University of Mysore, held during 03rd to 07th Jan. 2016. (Security Co-ordination Committee)
- 31st Inter University National Youth Festival: Yuva Shatha Sambhrama 2016, organized by University of Mysore, held during 15th to 19th Feb. 2019. (Transportation Committee)
- Two-Day Special Lecture Series on “Recent Trends in Sericulture” organized at Dept. in Sericulture Science, Univ. of Mysore, Mysuru held on Univ. of Mysore, Mysuru held on 16th and 17th December 2016
- One-Day Workshop on “Entrepreneurial Opportunities in Sericulture” organized at Dept. in Sericulture Science, Univ. of Mysore, Mysuru held on 20th April 2017.
- 5th International Conference on Challenges and Opportunities for Sustainable Rural Development focused on Swachh Bharat, Rural Water Supply, Sanitation, Education and Health” held on 28th and 29th August 2017 at Senate Hall, Univ. of Mysore, Mysuru.
- Three-Day National Workshop on Seri-Biomics: Challenges, Innovations and Solutions held on 15-17 February 2018 at Dept. of Sericulture Science, Univ. of Mysore, Mysuru.
- 6th International Multidisciplinary Conference on Educational Development and Social Welfare held on 27th January 2018 at St. Philomena’s College for Women, Hassan.
- 7th International Multidisciplinary Conference on Global Innovative Research Dimensions held on 22-23rd June 2018 at Sheshadripuram First Grade College, Kengeri, Bengaluru.
- University level Inter-college literary and cultural competition under Directorate of Student Welfare, University of Mysore, Manasa Gangothri, Mysuru: 2018-19 and 2019-20 sessions.
- World Summit on Resource Management and Sustainable Development, scheduled on 22nd to 24th February, 2019 at Senate Bhavan, Manasa Gangothri, Mysuru.
- Treasurer – Two Day Frontier Lectures on Seri-biotechnology organized by DoS in Sericulture Science, Univ. of Mysore, Manasa Gangothri, Mysuru on 21st and 22nd March 2019.
- 10th International Multidisciplinary Conference 2019 on Issues and Challenges in Higher Education scheduled to be held on 08th to 9th Nov. 2019 at Jnana Jyothi Auditorium, BCU, Bengaluru.

1. **Reviewer** for the **E content** modules (35 modules) for **Agrochemicals and Pest Control** under National Mission on Education through Information and Communication and Technology (NME-ICT) of University Grants Commission - The Consortium for Educational Communication (UGC-CEC), New Delhi and Educational Multimedia Research Centre (EMRC), University of Mysore, Mysuru in 2018

2. **Script Writer** for **SHORT FILMS & Educational Documentaries** for Educational Multi-Media Research Centre (EMRC) : 08 Scripts

3. **Principal Investigator to Massive Online Open Courses (MOOCs) Phase 1** in Sericulture – Mulberry and Silkworm Crop Protection under EMRC, Mysuru and UGC-CEC New Delhi from 2016-2018.

Chief Superintendent & Observer:

1. P.G. Entrance Examinations 2014, 2015, 2016 and 2017
2. Ph.D. Entrance Examinations 2014, 2015, 2016 and 2017
3. Ph.D. Course Work Examinations 2014, 2015, 2016, 2017, 2018 and 2019
4. KSET Examinations Dec. 2017 and Dec. 2018 at Bengaluru Nodal Centre, Bangalore University.

Academic Excellence:

1. **Associate Editor of International Journal of Agricultural Sciences (IJAS)** - Bioinfo Publications
2. **Reviewer - 07 Research articles of IJAS**, Bioinfo Publications (Membership ID:403FCEECFC)
3. **Convener of Sub-Committee** for Self-Learning Lessons and Distribution System of **Directorate of Distance Education**, University of Mysore, Manasa Gangothri, Mysuru.
4. **Visits Abroad: Universiti Tunku Abdul Rehman**, Kampar Campus, **MALAYSIA** for presentation of research paper in 8th International Multidisciplinary Conference-Recent Trends on Humanities and Science and **James Cook University, Singapore** held during 25th and 26th Oct. 2018.
5. **Placement Co-ordinator:** Department of Sericulture Science, Univ. of Mysore, Mysuru
6. **E-Attestation Officer** of University of Mysore, Mysuru

Resource Person/ Trainer

Training conducted at Mysore City Corporation & Taluq Office, Mysore (details as given below)

Master Trainer

1. Personality Development for Diploma students of Jetking Info-Train, Mysuru
2. Building Census 2010
3. National Population Register - AADHAR
4. Population Census 2011.
5. Socio Economic Census 2011
6. Economic Census 2013
7. Elections to 215 - Chamundeshwari Legislative Assembly of Karnataka 2013. Gram Panchayat Elections 2015, Taluq Panchayat Elections 2016, APMC Elections 2017, BSNL Employees Association Elections 2017, Zilla Panchayath Elections 2018.

Assembly/ State Level Master Trainer (ECI, trained)

1. Parliamentary Elections 2014 for Mysore-Kodagu constituency (under Chamundeshwari Legislative Assembly Constituency-215)
2. Chamundeshwari Legislative Assembly Elections of Karnataka 2018.
3. Parliamentary Elections 2019 for Mysore-Kodagu constituency (under Chamundeshwari Legislative Assembly Constituency-215)
4. Electoral Verification Programme (EVP) Chamundeshwari Legislative Assembly Constituency-215) 2019

Prizes / Awards

1. **III Rank** in M.Sc., Sericulture 1992 batch.
2. **III prize** in Debate Competition conducted by Computer Society of India, Mysore Chapter during Sept. 1999
3. ***First Ph.D. awardee in Sericulture** (Aug 2007) with M.Sc., Sericulture from Department of Sericulture Science, University of Mysore, Manasa Gangothri, Mysuru – 570 006.
4. **Contestant and Winner (Cash Prize of Rs.1.6 Lakhs)** in **Kannadada Kotyadhipathi**, Season 3 – 2018 a Reality Game Show produced by BIG Synergy Entertainment for **Star Suvarna** Kannada Entertainment Channel of Asianet Network telecast on 2nd and 3rd July 2018 available on Youtube & Hotstar APP.

5. Recipient of “**Uttama Shikshaka 2019**” (Best Teacher) award from **All India Bhavasar Kshatriya Mahasabha** ® Yuva Parishad, Mysuru Karnataka

Training Programs Attended :

- Common Foundation Course as Assistant Commissioner, Commercial Taxes Department, Government of Karnataka at Administrative Training Institute, Mysore during Dec.2006
- Orientation Programme: ONE during 2007 – Four weeks’ duration UGC-Academic Staff College, University of Mysore, Manasa Gangothri, Mysore.
- Refresher Course in Life Science: **THREE** at UGC-Academic Staff College, University of Mysore, Manasa Gangothri, Mysore during 2010, 2013, 2014 of Three weeks’ duration.
- Short Term Course of one-week duration : **TWO** in UGC-HRDC, Manasa Gangothri, Mysuru
- Personality Development programme under Art of Living foundation, Mysore in 1999

- Field Visits arranged to M.Sc., students : **40**
- Invited Lectures arranged by subject experts under healthy practices : **07 Lectures**
- Served as **Staff Secretary** at Department of Sericulture Science, University of Mysore, Manasa Gangothri, Mysore – 570 006. For 2004-05, 2007-08, 2013-19.
- In-charge of “**Silkworm Rearing Section**” at Department of Sericulture Science, University of Mysore, Manasa Gangothri, Mysore – 570 006 during **Manasa Exhibition 2011** held to commemorate the 50 years of establishment of Manasa Gangothri Campus at University of Mysore, Mysore

- **RADIO TALK cum INTERVIEW** on “Non-Traditional uses of Mulberry” at **All India Radio, Akashvani - Mysore - FM 100.6** during Sept. / Oct. 2012 under **Krishi Ranga** Programme.

- Teaching Experience : 20 years for M.Sc., Students in Sericulture & Seri-biotechnology
- Research Experience: 16 years in Bio-chemical Genetics of silkworm *Bombyx mori* L.
- Administrative Experience : 01 year as **Asst. Commissioner of Commercial Taxes**, Finance Department, Govt. of Karnataka, Bengaluru.
- 02 Years as Senior Training Officer, Placement Officer & Centre Manager at Jetking Infotrain Ltd., Mysuru Centre (won Platinum Award by Head Office)
- Association with Examinations : M.Sc., Theory and Practical Examinations : 25 years

Research Guidance :

- **Project Dissertation of M.Sc., Biotechnology** : 01
- **Project Dissertation of M.Sc., Sericulture and Seri-biotechnology** : 90
- **Project Dissertation of M.Sc., Microbiology** : 01
- **Research Supervisor to Ph.D. Candidates** : 02
- **Seminar Guidance** : 125 students

Question Paper Setter:

- University of Mysore, **Mysuru**
- University of Agriculture Sciences, GKVK, **Bengaluru**
- Sri Padmavathi Mahila University, **Tirupathi, Andhra Pradesh**
- Karnataka Public Service Commission (**KPSC**), Govt. of Karnataka, **Bengaluru**
- Shivaji University, **Kohlapur, Maharashtra**

Project Supervisor for Research Project entitled “A study on cocoon production and adoption pattern of sericulture farmers in Hunsur Taluk of Mysuru District” funded by Project Monitoring & Evaluation Board (PMEB), University of Mysore, Crawford Hall, Mysuru during 2018-19.

Languages Known: Kannada, English, Hindi, Marathi, Telugu, Tamil and Marwari.

