


BIO-DATA

Dr. R.S.UMAKANTH		
Designation:	ASSOCIATE PROFESSOR	
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Additional Charge:	NODAL OFFICER : 1. National Academic Depository (Digi Locker); 2. UGC-Inter-University Research Centre (IURC); 3. UGC-Skill and Entrepreneurship Development (UGC-SKILL HUB Initiative), University of Mysore, Crawford Hall, Mysuru-570005, INDIA.	0821-2419384 (office)
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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
<p>*Title of Ph.D. Thesis: Studies on the biochemical genetics of isoenzymes to understand racial differences relevant to voltinism and economic traits in silkworm, <i>Bombyx mori</i> L. (1996) Guide: Prof. Y. Srinivasa Reddy (Retd.) Associate Guide: Prof. N.B.Krishnamurthy (Late)</p> <p>*Fellowship funded by Central Silk Board, Ministry of Textiles, Govt. of India, New Delhi as Junior and Senior Research Fellow under National Sericulture Project entitled “Studies on the isozymes of different voltine groups of the silkworm, <i>Bombyx mori</i> L.” during 1992-96 undertaken by Prof. N. B. Krishnamurthy, Retired Professor of Zoology, University of Mysore, Manasa Gangothri, MYSURU-570006.</p>		
Additional Technical Qualifications	Karnataka Administrative Services (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 (ACCT) , 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 Karnataka Public Service Commission, Bengaluru 1997 SESSION as Asst. Commissioner of Commercial Taxes, Govt. of Karnataka.

Field of Expertise (Teaching and Research) :

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

Academic Distinctions/Contributions:

1. Life member of Academic Bodies : 06
2. Published Research papers : 28 (International: 16; National: 07; Book Chapters: 05)
3. Rapporteur: 10 Technical Sessions;
4. Chairman: 06 Technical Sessions;
5. Conferences / Seminars / Workshops: Paper Presented: 58; Participated: 70; Total: 128.
6. Invited Talk / Lectures: 06.
7. Organizer and Moderator : 04 National Webinars
8. Doctoral Committee Member: 05 Ph.D. Scholars.
9. Chairman of Doctoral Committee : 02
10. Member of Ph.D. Adjudication Committee: 01
11. Chairman of Ph.D. Adjudication Committee: 01

Member:

1. Department Council of Department of Sericulture Science, University of Mysore, Manasa Gangothri, Mysore-06 since 2007 to 2021.
2. Admission Committee for M.Sc. and PG Diploma during 2015-16, 2017-18 & 2019-20
3. Faculty of Science & Technology, University of Mysore, Mysore (2010-12, 2017-19 & 2021-2023)
4. Board of Examiners in Sericulture Science (P.G.) 2010-11 and 2014-15, 2015-16, 2016-17, 2018-19, 2020-21.
5. Chairperson (BoE) in Sericulture (PG) 2015-16 and 2019-20.
6. Board of Studies in Sericulture (PG) Dept. of Sericulture Science, Univ. of Mysore, Mysuru
7. Board of Studies in Genetics and Genomics (PG) Dept. of Genetics and Genomics, Univ. of Mysore, Mysuru 2020-2021.
8. Project Implementation Committee of DST-FIST Program, Department of Sericulture Science, University of Mysore, Manasa Gangothri, Mysuru-06 (2010-2015)
9. Computer Lab (DST-FIST) Administrator at Dept. in Sericulture Science, Univ. of Mysore, Mysuru.

Organizing Committee Member:

1. Two-Day Workshop on Solid Waste Management under ERHDO, (R) Univ. of Mysore, Mysore in 1997.
2. 103rd Indian Science Congress organized by University of Mysore, held during 03rd to 07th Jan. 2016. (Security Co-ordination Committee)
3. 31st Inter University National Youth Festival: Yuva Shatha Sambhrama 2016, organized by University of Mysore, held during 15th to 19th Feb. 2019. (Transportation Committee)
4. 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 Dec. 2016
5. One-Day Workshop on "Entrepreneurial Opportunities in Sericulture" organized at Dept. in Sericulture Science, Univ. of Mysore, Mysuru held on 20th April 2017.

6. Fifth 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.
7. 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.
8. Sixth International Multidisciplinary Conference on Educational Development and Social Welfare held on 27th January 2018 at St. Philomena’s College for Women, Hassan.
9. Seventh International Multidisciplinary Conference on Global Innovative Research Dimensions held on 22-23rd June 2018 at Sheshadripuram First Grade College, Kengeri, Bengaluru.
10. 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.
11. World Summit on Resource Management and Sustainable Development, scheduled on 22nd to 24th February, 2019 at Senate Bhavan, Manasa Gangothri, Mysuru.
12. Treasurer/Committee Member – 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.
13. 10th International Multidisciplinary Conference 2019 on Issues and Challenges in Higher Education held on 08th to 9th Nov. 2019 at Jnana Jyothi Auditorium, BCU, Bengaluru.
14. Organizing Committee Member (Treasurer) Two-Day workshop on “Adoption of Advance Technologies for Sustainable Sericulture” organized by DoS in Sericulture Science, Univ. of Mysore, Manasa Gangothri, Mysuru on 21st and 22nd March 2019.
15. National Seminar on Implementation of National Education Policy 2020 in Karnataka on 09th Jan. 2021.
16. 11th International Multidisciplinary Conference 2022 on Issues and Challenges in Sustainable Development to be held during June/July 2022 at KSOU Convocation Auditorium, Muktha Gangothri, Mysuru

E-Content :

1. **External Review Expert** for the **E-Content** modules (27 modules) and delivered video lectures 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), Univ. of Mysore, Mysuru in 2018.
2. **Script Writer** for **Video Lectures, Short Films & Educational Documentaries** for Educational Multi-Media Research Centre (EM²RC) : 10 Scripts
3. **Research, Script and Actor** for “**AADHAAR – New lease of life**” an educative documentary on Aadhaar Card for UIDAI, New Delhi.
4. **Research and Script** : “**THE JOURNEY OF SILK**” Educational Documentary (15 and 30 minute duration)
5. **Research and Script** : “**Bio-resources in Sericulture**” Part-1, an Educational Documentary (15 and 30 minute duration)

Chief Superintendent and Observer:

1. P.G. Entrance Examinations of University of Mysore, Mysuru: 2014, 2015, 2016, 2017, 2019, 2021.
2. Ph.D. Entrance Examinations of University of Mysore, Mysuru 2014, 2015, 2016, 2017, 2020, 2021.

3. Ph.D. Course Work Examinations 2014, 2015, 2016, 2017, 2018, 2019 and 2021.
4. KSET Examinations - Dec. 2017, Dec. 2018 and July 2021 at Bengaluru Nodal Centre, Bangalore University, Bengaluru; April 2020, Sept. 2021 at Mysore Nodal Centre.

Academic Excellence:

1. **Associate Editor of International Journal of Agricultural Sciences (IJAS)** - Bioinfo Publications for 2018-2021.
2. **Reviewer - 54 Research articles** of IJAS, Bioinfo Publications (Membership ID:403FCEECFC)
3. **Reviewer and Editorial Board Member:** Society for Biotic and Environmental Research (SBER) and Biotica.
4. **Reviewer and Editorial Board Member:** Research Journal of Agricultural Sciences (RJAS), J&K, India
5. **Reviewer and Editorial Board Member:** Journal of Emerging Technologies and Innovative Research (JETIR).
6. **Reviewer** of Agriculture Research Communication Centre (ARCC Journals - two articles reviewed)
7. **Reviewer** of Annals of Tropical Research, Leyte, Philippines.
8. **Editor/Reviewer** of International Academic & Scientific Research Publications (IASR Publications).
9. **Editor** : International Journal of Innovative Practice and Applied Research (IISN : 2349-8978) Special Issue, Vol: 9, Special Issue 7, Oct-Dec. 2019. Haldia Institute of Management, West Bengal.
10. **Convener - Directorate of Distance Education**, University of Mysore, Manasa Gangothri, Mysuru for 2018-2021.
11. **Placement co-ordinator** - Department of Sericulture Science, University of Mysore, Mysuru
12. **E-Attestation Officer** - University of Mysore, Mysuru for 2019-2020 & 2020-2021.
13. **Student Mentor** – M.Sc., Sericulture and Seri-biotechnology for 2019-2021.
14. **Liaison Officer – Internal Quality Assurance Cell**, University of Mysore, Mysuru for NAAC Accreditation of fourth (2020-21) cycle.
15. **Nodal Officer**, Examination Management System, Examination Branch, University of Mysore, Mysuru
16. **Convener** of Fire-safety equipments purchase and installation committee, University of Mysore, Mysuru
17. **Convener** - Technical Committee for Digitalization of Examinations, University of Mysore, Mysuru.
18. **State Level Committee Member:** Examination Module under Unified University and College Management System (UUCMS), Higher Education Department, Govt. of Karnataka, Bengaluru.
19. **Joint Secretary:** Swadeshi Vijnana Andolana – Karnataka (SVAK), Mysuru Chapter.
20. **Faculty Leader** of Department of Sericulture Science, Univ. of Mysore, Mysuru for Swachhatha Abhiyan – Green Gangothri won **FIRST PRIZE** for cleanest department in Manasa Gangothri Campus, Mysuru
21. **Member:** Committee for Centralized Post Graduate Entrance Examination 2020-21, University of Mysore, Mysuru.
22. **Member:** Student Grievance Redressal Cell (Academic and Examination Queries 2020-2021) University of Mysore, Mysuru.
23. **Member:** Answer Script Malpractice Enquiry Committee 2021, Univ. of Mysore, Mysuru.
24. **Special Officer of Examination Reforms Cell**, Examination Branch, University of Mysore, Mysore from May 2020 to Feb. 2022. (22 Months)
25. **Co-ordinator:** Choice Based Credit System (CBCS) of M.Sc., Sericulture Science from Feb. 2022
26. **Co-ordinator:** UGC-MHRD, Massive Online Open Courses - M.Sc., Sericulture Science from Feb. 2022.

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.

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

Assembly/State Level Master Trainer : Election Commission of India - (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-2019)

Master Trainer/Resource Person:

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 Panchayat Elections 2018; Legislative Assembly Elections 2018; Parliamentary Elections 2019; Gram Panchayat Elections 2020.
8. Population Census 2020-2021 for Mysore City Corporation, Mysuru

Ranks / Prizes / Awards:

1. **III Rank** in M.Sc., Sericulture (1992 batch) University of Mysore, Mysuru.
2. **III prize** in Debate Competition conducted by Computer Society of India, Mysore Chapter during Sept. 1999
3. **First Rank** in PGDHE (2009 batch) Karnataka State Open University, Mysuru
4. ***First Ph.D. awardee in Sericulture** (Aug 2007) with M.Sc., Sericulture from Department of Sericulture Science, University of Mysore, Manasa Gangothi, Mysuru – 570 006.
5. **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.
6. Recipient of **“Uttama Shikshaka 2019” (Best Teacher) award** from **All India Bhavasara Kshatriya Mahasabha® Yuva Parishath**, Mysuru Chapter, Karnataka.
7. Recipient of **“Dr. Sarvepalli Radhakrishnan Best Teacher Award 2021** from **Center for Professional Advancement and Continuous Education (CPACE), Andhra Pradesh.**
8. Recipient of **“Best Scientist of the Year - 2021”** from Karnataka Educational Awards, **Youth Efforts for Society (YES) Trust** an ISO: 9001:2015 certified NGO, Bengaluru.

9. Recipient of “**Individual Excellence Award for Best Research - 2021**” for the short film “**The Journey of Silk**” from Centre Institute for Educational Technology (CIET) NCERT, Govt. of India, New Delhi during 25th All India Children’s Educational Audio-Video Festival 2021.
10. Recipient of “**Global Faculty Award - 2021**” from AKS Educational Trust, India.
11. Recipient of “**Outstanding Achievement Award**” from Bhavasar Vision India, Area 103, Mysore Chapter in Feb. 2022.
12. Recipient of “**International Best Researcher Award**” from International Society for Scientific Network Awards, to be presented in June 2022.

Research Projects :

1. **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. (TWO CYCLES - 2016-2018).
2. **Principal Investigator** to Minor Research Project, University of Mysore, Manasa Gangothri, Mysuru entitled “A study on cocoon production and adoption pattern of Sericulture farmers in Hunsur Taluk of Mysuru district” funded by **PMEB**, Univ. of Mysore, Mysuru.

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: Participated in **ONE** during 2007 – Four weeks’ duration UGC-Academic Staff College, University of Mysore, Manasa Gangothri, Mysore.
- Refresher Courses in Life Science: Participated in **THREE** at UGC-Academic Staff College, University of Mysore, Manasa Gangothri, Mysuru during 2010, 2013, and 2014 of Three weeks’ duration.
- Short Term Courses of one-week duration: Participated in **TWO** courses at UGC-Human Resource Development Centre, University of Mysore, Manasa Gangothri, Mysuru.
- Personality Development Programme under Art of Living foundation, Mysore in 1999.

- Field Visits arranged to M.Sc., students : **50**
- Lectures arranged by subject experts under healthy practices at DoS in Sericulture Science : **07 Lectures**
- Served as **Staff Secretary** at Department of Sericulture Science, University of Mysore, Manasa Gangothri, Mysore – 570 006. For 2004-05, 2007-08, 2013-2016.
- 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, Mysuru

- **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 : 22 years for M.Sc., Students in Sericulture & Seri-biotechnology
- Research Experience: 22 years in Bio-chemical Genetics of silkworm *Bombyx mori* L.
- Administrative Experience : 01 year as **Assistant Commissioner of Commercial Taxes**, Finance Department, Govt. of Karnataka, Bengaluru (**KAS officer**)
- 01½ 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 : 30 years

Research Guidance :

- **Project Dissertation of M.Sc., Biotechnology : 01**
- **Project Dissertation of M.Sc., Sericulture and Seri-biotechnology : 85**
- **Project Dissertation of M.Sc., Microbiology : 01**
- **Research Supervisor to Ph.D. Candidates : 02**
- **Seminar Guidance : 175 students**

Question Paper Setter:

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

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