

Self Appraisal of Rohith L. Shankar

Name : ROHITH L. SHANKAR (alias M.L.UMASHANKAR)

Designation : Associate Professor and HOD

Department : Sericulture, Yuvaraja's College, University of Mysore.

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Specialization: Silkworm Breeding, Quantitative Genetics, Gerontology and Biochemistry, Pathology of Mulberry and Seri-Biotechnology - Production of Recombinant Proteins.

Date of Joining to the Service : 01-07-1999 to till date.

Academic Qualifications : MSc, MPhil. and PhD.

Exam Passed	Board/ University	Subjects	Month & Year	Division/Grade Merit etc.
Master's Degree (s) MSc.,	Department of Sericultural Sciences, Univ. of Mysore	Sericulture	1994	First class
Master's Degree (s) MPhil.,	Department of Applied botany, Univ. of Mysore	Seed Technology	1995	First class
Research Degree (s) Ph.D.,	Department of Sericultural Sciences, Univ. of Mysore	Sericulture	2005	Awarded
Other Diploma / Certificates etc.	CIST Univ. Of Mysore	Certificate Course in Office Automation (CCOA)	2002	Awarded
	Karnataka State Open University (KSOU) Manasagangotri.	Post -Graduate Diploma in HRM	2004	Awarded

Research Experience & Training imparted:

Research Stage	Title of work/Theses	Place
M.Phil in Seed Technology	Expression of HRGP/GRP (Hydroxy rich glycoprotein/Glycine rich protein) in downy mildew resistant seed and seedlings in pearl millet.	University of Mysore, MYSORE, Karnataka. 1994-95
Ph.D. in Sericulture	Genetic approach for the synthesis of new bivoltine breeds of silkworm, <i>Bombyx mori</i> L.	University of Mysore, MYSORE, Karnataka. 2005
Post –Doctoral (Advanced Study)	Production of canine interferon in silkworm, <i>Bombyx mori</i> L. by using baculovirus expression system.	Zhejiang University, HANGZHOU, P.R. China. 2006-07
Training /Short Term /Hands on Training Courses	(1) Trainee - Junior Research Scientist in “Tissue Culturing of Ornamental Plants”.	In-Vitro International Pvt. Ltd (Tissue Culture Lab), BTM layout, BENGALURU, Karnataka. 1996-07
	(2) Hands on Training Course on “Gene Expression Studies and Analysis”	Department of Biotechnology, University of Mysore, MYSORE, Karnataka.2010
	(3) Short Term Training Programme on “Bionanomaterials for Pest and Disease Management”.	Crop Protection Research Center (CRPC), Dept of Advanced Zoology and Biotechnology, St. Xavier’s College (Autonomous), PALAYAMKOTTAI, Tamilnadu, India.2015
	(4) Short Term Course in “Disaster Management”. 25-9-2019 to 01-10-2019	HRDC, Kannur University, KANNUR, Kerala-670002 2019

Publications of Research Papers/Articles/Reviews in Journals: 27

1. **Umashankar. M.L. (Rohith L. Shankar)** and G.Subramanya. Evaluation of the rearing performance of new exotic and indigenous races of silkworm *Bombyx mori* L. *Geobios*, 129-132 (2001). [Quarterly; ISSN: 0251-1223].
2. **Umashankar. M.L. (Rohith L. Shankar)** and G.Subramanya. Correlation between larval weight and cocoon characters in five breeds of silkworm *Bombyx mori* L. *Geobios*, 154-157 (2002) [Quarterly; ISSN: 0251-1223].
3. Jha. RK, Xu. ZR and **Umashankara. M.L.(Rohith L. Shankar)**. Developing vaccines against WSSV? *Aquaculture Asia Pacific*, 2(5):16-17 (2006) [Bimonthly; ISSN 0859-600X].

4. **Rohith L. Shankar**; Doddaswamy; Murthy, N and G.Subramanya. Evaluation and identification of promising new bivoltine silkworm hybrids using combined trait selection index. *Indian Journal of Sericulture*, 46(2): 117-125 (2008) [ISSN: 0445-7722 2015/Impact factor- Evaluation Pending].
5. Wu. Xiaofeng, Zhao. Na, Yao. Huipeng, Lan. Lipan, Cao. Cuiping, **Umashankar. M. L. (Rohith L. Shankar)**, Lu. Xingmeng, Wang. Bing, Cui. Weizheng and J.L.Cenis. Efficient production of canine alpha-interferon in silkworm *Bombyx mori* by use of a BmNPV/Bac-to-Bac expression system. *Applied Microbiology and Biotechnology*, 78(2): 221-226 (2008). [DOI: 10.1007/s00253-007-1296-y/ISSN: 1432-0614 (electronic version)/Impact factor 2013 - 3.811].
6. Xiaoyan Lin, Yuhua Zhao, Qinglin Fu, Umashankara. M.L.(**Rohith L. Shankar**) and Zhihong Feng. Analysis of culturable and unculturable microbial community in bensulfuron-methyl contaminated paddy soils. *Journal of Environmental Sciences*, 20(12):1494-1500 (2008). [DOI.ORG/10.1016/S1001-0742(08)62555-3/ISSN: 1001-0742/Impact Factor: 2.465].
7. **Rohith L. Shankar** and G.Subramanya. Development of a new bivoltine breed of silkworm, *Bombyx mori* MU₅₁ with short larval duration. *The Bioscan*, 5(1): 25-31(2010). [ISSN 0973-7049]
8. **Rohith L. Shankar** and G.Subramanya. Evolution of a new bivoltine breed of silkworm, *Bombyx mori* MU₅₄ with short larval duration for tropical sericulture. *Myscience*, 4(1-2):73-81(2010).
9. **Rohith L. Shankar** and G.Subramanya. Evolution of a new bivoltine breed of silkworm, *Bombyx mori* MU₅₃ with shorter larval duration for tropical sericulture. *Geobios*, 37(2-3): 223-227 (2010). [Quarterly ISSN: 0251-1223].
10. **Rohith Lingappa. Shankar** and G.Subramanya. A newly developed bivoltine breed of silk worm *Bombyx mori* MU₅₂ with short larval duration and their suitability for tropical sericulture. *Bulletin of Indian Academy of Sericulture*, 14(2): 35-45 (2010). [ISSN: 0972-1657/Impact Factor: 2015 Evaluation Pending].
11. Jnaneshwari S, Hemshekhar M, Thushara RM, Shanmuga MS, Sebastin MS, Sunitha K, **Shankar RL**, Kemparaju K and Girish K S. Sesamol Ameliorates Cyclophosphamide-Induced Hepatotoxicity by Modulating Oxidative Stress and Inflammatory Mediators. *Anticancer Agents Med Chem*, 14 (7):975-83 (2014). [DOI:10.2174/1871520613666131224123346/ ISBN ISSN/1871-5206/Impact factor, 3.144].
12. **Rohith L. Shankar (M.L.Umashankara)**, Shylaja M. Darmesh and Shekar Shetty. H. Involvement Lytic Enzymes and Hydroxy Proline Rich-Glycoprotein/Glycine-Rich Protein in the resistance of pearl millet to Downy mildew. *International Journal of Basic and applied Chemical Science*, Volume 4 (3), 2014. [ISSN: 2277-2073 (Online)/Index Copernicus Value (ICV) = 74.88].
13. Ram M. Thushara, Mahadevappa Hemshekhar, Manoj Paul, Mahalingam Shanmuga Sundaram, **Rohith L. Shankar**, Kempaiah Kemparaju and Kesturu S. Girish. Crocin prevents sesamol-induced oxidative stress and apoptosis in human platelets. *Journal of Thrombosis and Thrombolysis*, 38(3):321-30 (2014). [DOI: 10.1007/S11239-014-1056-7./ISSN: 1573-742X/ Impact Factor; 2.039].

14. Bhagyalakshmi.M, Sowmyashree.G, Girish.K.S, Kemparaju.K, Sathish.G.J, **Rohith.L.S**, Manohar.S, and Devaraja.S. *Momordica charantia* seed extract exhibits strong anticoagulant effect by specifically interfering in intrinsic pathway of blood coagulation and dissolves fibrin clot. *Journal of Blood Coagulation & Fibrinolysis*, 26(2):191-9 (2015). [DOI: 10.1097/MBC.000000000000191./ISSN: 1473-5733/Impact Factor: 1.380].
15. **Rohith L Shankar**, S.A. Chethan, N. Gayathri and N. Shobha. Studies on Biochemical Changes in *Bombyx mori* L. Races at Different Developmental Stages. *Int.J.Curr.Microbiol.App.Sci*, 4(10): 101-109 (2015) [ISSN:2319-7692(Print), ISSN:2319-7706(Online)/Impact Factor; 0.654].
16. Venkatesh Kumar R, Chhatrapal Gautam, Shobha N and **Rohith L Shankar**. Use of mulberry leaves as supplementary food in Cow and Goat to improve milk production. *International Journal of Applied Research*,1(13): 81-84(2015).[ISSN Print: 2394-7500: ISSN Online: 2394-5869/ Impact Factor: Google Scholar h-index impact factor RJIF 5.2]
17. Anantha.R. **Rohith L Shankar** and Subramanya.G. Longevity Studies (I); On The Silkworm Pupal Duration In Selected Multivoltine, Bivoltine Races/Breed And Their Hybrids In Different Seasons Of The Year. *International Journal Of Research And Analytical Reviews*, 5(4): 683-697 (2018) [E-ISSN 2348-1269, P- ISSN 2349-5138/ Google Scholar h-index Impact Factor of 2018: 5.75].
18. Anantha.R and **Rohith Shankar Lingappa**. Analysis of Quantitative Characters in Selected Multivoltine Races and Biovoltine Races/Breed of Silkworm *Bombyx Mori* (Linn.) And Their Hybrids in Different Seasons of the Year. *International Journal of Research*, 5(20): 934-946 (2018) [ISSN:2231-6124].
19. Anantha.R. **Rohith Shankar Lingappa** and Subramanya.G. Longevity Studies (II); On The Silkworm Adult/Moth Life Span Of Multivoltine, Bivoltine Races/Breed And Their Hybrids In Different Seasons Of The Year. *International Journal Of Research And Analytical Reviews*, 5(4): 11-25 (2018) [E-ISSN 2348-1269, P- ISSN 2349-5138/ Google Scholar h-index impact factor of 2018: 5.75].
20. Anantha Ramchetty and **Rohith Shankar Lingappa**. Correlation Analysis between Longevity of Adult Moths and Economic Traits in Few Bivoltine Silkworm Races/Breed. *The International Journal of Engineering and Science*, 7(12/1): 69-78 (2018) [(E)ISSN : 2319 – 1813(P)ISSN : 2319 – 1805 Impact Factor: 0.898].
21. Anantha.R., Divya,S.H, Manjunath.K.G. and **Rohith Shankar Lingappa**. Comparative study (II): On the longevity of pupa and adult moths in selected few bivoltine purelines of silkworm *Bombyx mori* (L) in all the seasons of the year. *International Research Journal of Multidisciplinary Studies*, 5(3):1-12 (2019) [ISSN 2454-8499:EISSN:24548499/Impact Factor 1.8167(GIF) & 2) Impact Factor 0.679 (IIFS)].
22. Anantha Ramshetty and **Rohith Shankar Lingappa**. Correlation Analysis between Adult moths Longevity and Few Economic Traits in Selected Multi-bi hybrids and its Reciprocal Crosses. *International Journal of Scientific & Engineering Research*, 10(1): 1871-1881 (2019) [ISSN 2229-5518/Impact Factor: 0.37]
23. Anantha Ramshetty and **Rohith Shankar Lingappa**. Correlation analysis between longevity of adult moths and economic traits in few multivoltine pure races. *J. Adv Sci Res*, 10(1): 42-53 (2019) [DOI: 10.9790/1813-0712016978 /ISSN (e): 0976-9595/Impact Factor: 0.567].

24. Anantha.R and **Rohith Shankar Lingappa**. Seasonal performances of few multivoltine and biovoltine races/breed of silkworm *Bombyx mori* (L.) and their selected hybrids. *Journal of Emerging Technologies and Innovative Research*, 6(3):320-332 (2019) [ISSN: 2349-5162/ Google Scholar h-index impact factor of 2018: 5.87].
25. Anantha.R., Divya,S.H, Manjunath.K.G and **Rohith Shankar Lingappa**. Comparative study (I): On the longevity of pupa and adult moths in selected few multivoltine purelines of silkworm *Bombyx mori* (L) in all the seasons of the year. *International Research Journal of Multidisciplinary Studies*, 5(4):1-12 (2019) [ISSN 2454-8499:EISSN:24548499/Impact Factor 1.8167(GIF) & 2) Impact Factor 0.679 (IIFS)].
26. Manjappa, Bhagyalakshmi, **Shankar L, Rohith**, Martin, Sebastin & Sannanigaiah, Devaraja. Comparative evaluation of aqueous and ethanol extracts of momordica charantia seed on coagulation cascade and platelet function. *International Research Journal of Pharmacy*. 10 (5): 164-169 (2019) [DOI: 10.7897/2230-8407.1005184/ISSN: 2230-8407/Impact Factor: 0.751].
27. J Kengaiyah, SKM Nandish, C Ramachandraiah, A Shivaiah, GJ Vishalakshi, M Paul, MS Santhosh, **RL Shankar**, Devaraja Sannanigaiah. Protective Effect of Tamarind Seed Coat Ethanol Extract on Eryptosis Induced by Oxidative Stress. *Biochemistry (Moscow)*. 85(1):118-129 (2020) [DOI.ORG/10.1134/S0006297920010113/ ISSN1608-3040(e); ISSN0006-2979(p)/ Impact factor: 1.886].

Papers/Posters presented in the Conference: 20

1. **Umashankar. M.L.(Rohith L. Shankar)** and G.Subramanya. Heterosis for larval duration and economic traits in silkworm, *Bombyx mori* L. National seminar on tropical sericulture, 28th -30th Dec 1999. University of Agriculture Sciences and Bangalore University, Bangalore, Karnataka.
2. Zhao Na, Yao Huipeng, Lan Lipan, Cao Cuiping, **Rohith L. Shankar**, Lu Xingmeng, Wu Xiaofeng, Wang Bing, Cui Weizheng and J. L. Cenis. Efficient production of canine interferon-alpha in silkworm *Bombyx mori* by use of a BmNPV/Bac-to-Bac expression system. International conference on trends in Seribiotechnology. 27-29, March 2008, Department of Sericulture, SK University, Anantapur, Andhraparadesh.
3. **Rohith L. Shankar**, Subramanya. G.Shyamkumar and Wuxiafeng. Exploitation of silkworm *Bombyx mori* for the efficient production of Recombinant Proteins". A national seminar on "Scenario of Seri biotechnological Research In India" 28-30, August 2008, Department of Seribiotechnology, Sri Padmavati Mahila Visvavidyalayam, Tirupati, Andhraparadesh.
4. **Rohith L Shankar**, A review on Alpha Interferon and its Application. KSHEC, Bengaluru and Center's for Bioscience and Innovation/Bioinformation, Tumkur University, Tumkur sponsored one day National conference on "Recent Discoveries in Protein Science" 31st Jan 2013, Karnataka State Higher Education Council, Palace Road, Bengaluru.
5. **Rohith L Shankar**, A review on Antimicrobial Properties of Silkworm Proteins. KSHEC, Bengaluru and Tumkur University, Tumkur sponsored one day National conference on "Challenges and Opportunities for Chemical Sciences in 21st Century" 8th Jan 2013, Karnataka State Higher Education Council, Palace Road, Bengaluru.
6. **Rohith L. Shankar** and G.Subramanya. Evaluation of new sex limited breeds yuva5 and yuva14 of silkworm *Bombyx mori* with short larval duration by hybridization. National

Conference on Recent Advances in Modern Biology and Sericulture, Women Empowerment and Rural Development. 24th-26th Oct 2013, KSSRDI, Thalaghattapura, Bengaluru, Karnataka.

7. Shobha.N, **Rohith L.Shankar** and Savitha. G. Investigation of Antioxidant Enzymes in the germinating Maize Seeds treated with fungicide. At UGC and KSTA sponsored two days National Conference on “Enzyme research in Agriculture, Food and Industrial Biotechnology” 12th-13th March -2015, Maharani’s Science College for Women, Palace Road, Bengaluru, Karnataka. [PP-31 NCERAFTB-2015]
8. **Rohith L. Shankar**, Devaraja.S, Girish.K.S and Shobha.N. A study on the importance of control of foliar disease of mulberry plant (genus: morus) and their influence on the economy of sericulture industry. 18th biennial meeting and national conference of Indian Aerobiological Society on Impact of Aerosols on Health, Heritage and Environment, September 28-30, 2015. Departments of Science, Tumkur University, B. H. Road, Tumakuru, Karnataka.
9. **Rohith L. Shankar**, Chhatrapal Gautam, and Venkatesh Kumar, R. Effect of supplementation of mulberry leaves on cow and goat nutrition. International Conference on Science, connecting health and society. 28th - 29th November, 2015. Colombo city hotel, Conference hall, Colombo, Sri Lanka.
10. **Rohith L. Shankar** and N.Shobha. A study on the usefulness of mulberry plants in the various fields and their antimicrobial proteins in therapeutics XL Indian Social Science Congress-2016. 19th – 23th Dec 2016, University of Mysore, Mysuru, Karnataka.
11. **Rohith L Shankar** and Shobha.N. Mechanism of non-host disease resistance against the mulberry plant pathogen causing mulberry root rot to understand the host plant resistance in crop improvement programme.104th Indian Science Congress-2017, 3th -7th January, 2017, Section of Plant Sciences, S.V.University, Tirupati. Andhra Pradesh.
12. **Rohith L Shankar**. Advantages of rearing sex-limited races and male silkworm races for commercial exploitation in India. 104th Indian Science Congress-2017, 3th -7th January, 2017, Section of Animal, Veterinary and fishery Sciences, S.V.University, Tirupati. Andhra Pradesh.
13. **Rohith L Shankar** and Shobha.N. National conference on “Emerging trends and Approaches in Zoological Science” organized by The Department of Studies and Research in Zoology on 31st January 2018, Tumkur University, Tumakuru.
14. Shobha.N, **Rohith L Shankar** and Savitha.G. SDS-PAGE protein profile in the germinating Maize seeds treated with fungicide. Organized by UGC_CPEPA, UPE and DST_PURSE programmes, International Conference on Nanomaterials and their Application, March 1-2, 2018 Auditorium, Vijnan Bhavan, Manasagangotri, Mysuru. [PO-189 Page No.109]
15. **Rohith L. Shankar** and N.Shobha. A review on the molecular mechanism to overcome the diseases of mulberry crop. 105th Indian Science Congress-2018, March 16 to 20, 2018. Section plant science, Manipur University, Imphal, Manipur.
16. **Rohith L. Shankar**, N.Shobha and Soudhaminy. An ecological approach towards conservation. National Conference on biodiversity conservation-recent development and future strategies. Section B. November 16 to 17, 2018, Dept. of wildlife and Management, Kuvempu University, Shankarghatta, Shivamogga, Karnataka, India.[Tb-07 BCRDFS-2018 Page No.52]
17. **Shobha.N** and **Rohith L Shankar**. Multiple effects of urbanization on the ecosystem. National Conference on biodiversity conservation-recent development and future strategies. Section B. November 16 to 17, 2018, Dept. of wildlife and Management, Kuvempu University, Shankarghatta, Shivamogga, Karnataka, India.[Td-03 BCRDFS-2018 Page No.89]

18. **Rohith L. Shankar** and N.Shobha. Silkworm *Bombyx mori* L. as bioreactor for the expression of recombinant DNA. 106th Indian Science Congress-2019, January 3 to 7, 2019, Section of New biology, Lovely Professional University, Phagwara, Jalandhar, Punjab.
19. **Rohith L Shankar** and Anantha.R. A study on the longevity of pupa and adult moths in selected few multivoltine and Bivoltine purelines of silkworm *Bombyx mori* (L) in all the seasons of the year. XLIII Indian Social Science Congress, January 17-21, 2020 Bengaluru Central University, Bengaluru, Karnataka.
20. Shobha.N, **Rohith L Shankar** and G.Savitha. Impact of Metalaxyl Stress on seed germination, Seedling growth and Chlorophyll contents of maize. National Conference on “Recent research and innovations in Life sciences” on 31st Jan – 1st Feb 2020 at MMK and SDM Mahila Maha Vidyalaya, Mysuru.

Academic Distinctions:

1. Qualified CSIR- UGC sponsored Karnataka State Level Eligibility (K-SLET) for lectureship in the subject Sericulture 1994.
2. Awarded Indo-China Government Scholarship through HRD, New Delhi, Govt. of India for the period of 2006-2007.
3. Completed successfully a UGC (X plan) sponsored Minor Research Project on “Genetic approach for the evolution of sex-limited breeds of silkworm, *Bombyx mori* L. through hybridization” 2007.
4. As external referee and examiner for Ph.D thesis evaluation and Viva- voce of Ph.D., thesis ‘Identification and Biochemical Characterization of Antibacterial Proteins from Silkworm *Bombyx mori* L.’ of Sri.Mallikarjuna Gadwala for Ph.D Degree in Sericulture under the guideship of Dr.ShyamKumar, Department of Biotechnology, Karnataka University, Dharwad.2014
5. Awarded first best oral presentation for the paper “Diversification of wild silkworm *Bombyx mandarina* with their evolved line domesticated silkworm *B. mori* and their hybrid larvae feeding habits for survivability” in the National Conference on biodiversity conservation-recent development and future strategies. Section B. November 16 to 17, 2018, Dept. of wildlife and Management, Kuvempu University, Shankarghatta, Shivamogga, Karnataka.
6. Course Coordinator of the subject “General Sericulture” for Massive Open Online Course (MOOC) July - Dec 2019 under Swayam 2.0. Scheme sponsored by HRD, Govt. of India.
7. Evaluated the MSc. Dissertations of University of Agriculture Sciences, GKVK, Bengaluru and Chintamani.
8. Edited the published the laboratory manuals for the Undergraduate students of Sericulture, Yuvaraja’s College, that is helpful for other college students as well.
9. Teaching and conducting tutorials for PG-MSc students of Yuvaraja’s College for their Open elective Course in Sericulture since 2014-15.
10. Ex. Flying Officer of 4 Kar Air Sqn NCC (Senior Division), Mysuru (Mysore-Goa division).

11. Life member of Indian Science Congress, Indian Social Science Congress and Karnataka Vignyana Parishat.
12. Guiding a student for the degree of PhD in Sericulture.

Responsibilities shouldered for the College/University:

1. Serving as Head of the Department of Sericulture for the 4th term (2018-20).
2. Worked/Working as Chairman/Member of BOS in Sericulture (UG) Yuvaraja's College (autonomous), Mysuru.
3. Worked/Working as Chairman/Member of BOE in Sericulture (UG) Yuvaraja's College (autonomous), Mysuru.
4. Worked/Working as Member of BOE in Sericulture and Life Science (UG), Bangalore University and Maharani's Science College for Women, Bengaluru and Tumkur University.
5. Chairman/Member of the Board of Studies and Board of Examination in Sericulture (PG), Yuvaraja's College, Mysuru.
6. Working/worked as member of various committees's including admission committee at Yuvaraja's College, Mysuru.
7. Attending as Invigilator/off.work of UG, PG and PG Entrance Examinations of Yuvaraja's College and University.

Participated in Seminars, Conferences, Symposia, Workshops, etc. :

Sl. No.	Name of the Seminar/ Conference/ Symposia/ Workshop, etc.	Name of the Sponsoring Agency	Place and Date
1.	National Seminar on Tropical Sericulture.	UAS Sericulture Club.	Dept of Sericulture, UAS, Bangalore. Karnataka. India 28-30 th Dec 1999
2.	Seed Production Technology for Silkworm Breeders.	Silkworm Seed Technology laboratory.	Silkworm Seed Technology Laboratory, Kodathi, Bangalore. Karnataka. India 27-28 th Sep 2001
3.	National Conference on Tropical Sericulture for Global Competitiveness.	National Academy of Sericultural Sciences India. (NSSSI)	Central Silk Board, CSTRI, Mysore. Karnataka. India 5-7 th Nov 2003
4.	Workshop introducing semester scheme in BSc., sericulture.	University of Mysore.	Department of Sericulture, Manasagangothri, MYSORE. Karnataka. India 4-5 th Feb 2004
5	National Workshop on selection indices in breeding of Mulberry and Silkworm.	University of Agricultural Sciences, Bangalore.	Sericulture College, Chintamani, Karnataka. India 01-07-2005

6.	International Conference of Global Consortium for Higher Education and Research Association. (GCHERA)	Govt. of China and University of Zhejiang.	University of Zhejiang, Hangzhou, PR China. 10-15 Sep 2005
7.	An International Training Workshop on Industrial Agriculture and Pest controlled.	Department of International Cooperation of the Ministry of Science and Technology (MOST) and Zhejiang Shaoxing Academy of Agriculture Science.	Zhejiang Shaoxing Academy of Agriculture Science, Shaoxing. PR China. 17- 28 Oct 2005
8	State level workshop on Experimental model organisms.	University grants commission, Government of India	Dept. of Zoology, Maharani Science College, Mysore. Karnataka. India 21 Feb 2008
9.	International conference on trends in Seribiotechnology.	Sri Krishna Devaraya Univ. and UGC.	Dept. of sericulture, Sri Krishna Devaraya University, Ananthapur, Andhrapradesh. 27-29 March 2008
10.	National seminar on scenario of Seribiotechnological research in India.	Sri Padmavathi Mahila Vivavidyalayam and UGC.	Dept. of Seribiotechnology, Sri Padmavathi Mahila Vivavidyalayam, Tirupati, Andhrapradesh. India 28-30 Aug 2008
11.	Hands on training course on gene expression studies and analysis.	Department of Biotechnology, Govt. of India.	Department of Biotechnology, Manasagangothri, MYSORE, Karnataka. India 23 Nov - 14 Dec 2009
12.	National Conference On “Challenges of Modern Biology in 2020”. (CHAMB – 2020)	Indian Science Congress Association – Bangalore Chapter.	Dept. of Life Sciences, S.R.N. Adarsh College,Chamarajapet, Bengaluru and Dept. of Bio-Technology, V.V. Pura College of Science, K.R.Road, Bengaluru. Karnataka. India 29 th – 31 st March 2010
13.	National symposium on “Frontier Areas in Chemical Science and Nanotechnology” (NSFACNT-2010)	Kuvempu University.	Department of Studies and Research in Industrial Chemistry, Shankaraghatta, Shimoga, Karnataka. India 1 st - 2 nd May 2010.
14.	National conference on “sericulture innovations-before and beyond”	Central Silk Board, Government of India.	Central Sericulture Research and Training Center, Manandawadi road, Mysore, Karnataka. India 28 th – 29 th January, 2011.
15.	National Conference on “Herbal medicines in the era of globalization”	University Grants Commission, Government of India	Sahyadri Science College (autonomous), Shivamogga, Karnataka, India. 10 th -11 th September 2011.

16.	Workshop on “e-content development”	University of Mysore.	Educational Multimedia Research Centre, Manasagangothri, Mysore, Karnataka, India. 16 th – 17 th September 2011.
17.	National symposium on “Immunology today: Recent Developments and Health and Disease”	University of Mysore and Indian Immunology Society, New Delhi.	Department of Biochemistry, University of Mysore, Manasagangothri, Mysore, Karnataka. India 14 th -15 th November 2011.
18	National seminar on “Intellectual property rights in Bio-Informatics”	JSS college of Arts, Commerce and Science and Association of Microbiologists of India (AMI), Mysore chapter.	Post graduate Department of Biotechnology, JSS College of Arts, commerce and Science, Ooty Road, Mysore, Karnataka. India 8 th November 2012.
19	National conference on “Emerging trends in Ayurveda and herbal Drug Technology (ETAHDT-2012).	Dept. of Biotechnology, Govt.of India. And NRHM, Dept. of AYUSH, Govt.of Karnataka.	Government Ayurveda medical College, Mysore, Karnataka, India. 22 nd – 23 rd November 2012.
20	National conference on “Recent Discoveries in Protein Science”	Karnataka State Higher Education Council, Palace Road, Bengaluru	KSHEC, Bengaluru and Center’s for Bioscience and Innovation/Bioinformation, Tumkur University, Tumkur. 31 st Jan 2013,
21	National conference on “Challenges and Opportunities for Chemical Sciences in 21 st Century”	Karnataka State Higher Education Council, Palace Road, Bengaluru	KSHEC, Bengaluru and Center’s for Bioscience and Innovation/Bioinformation, Tumkur University, Tumkur. 8 th Jan 2013
22	National workshop on “Moderen Trends in Research Methodology Part-II”.	University Grants Commission and College with Potential Excellence.	SBRR Mahajana First Grade College, Jayalakshmipuram, Mysore, Krnataka, India. 16 th April 2013.
23	Short Term Training Programme on “Bionanomaterials for Pest and Disease Management”.	Department of Biotechnology, Government of India.	Crop Protection research Center (CRPC), Dept of Advanced Zoology and Biotechnology, St. Xavier’s college (Autonomous), Palayamkottai, Tamilnadu, India. 14 – 25 May, 2013
24	National conference on Recent advances in modern biology and sericulture, women empowerment and rural development.	Department of sericulture, Government of Karnataka,	KSSRDI, Thalaghattpura, Bangaluru. 24-26 October, 2013,
25.	National level workshop on Applications of SPSS in research data analysis.	SBRR Mahajana First Grade College and PG department of Statistics, University of Mysore.	SBRR Mahajana First grade College, Jyalakshmipuram, Mysore-570 012. Karnataka. 4 March, 2014
26	National seminar on educational vision and mission of swami vivekananda.	Yuvaraja’s college,Mysore, University of Mysore.	Yuvaraja’s College, Mysore. August 18 th and 19 th , 2014

27	National Conference on "Enzyme research in Agriculture, Food and Industrial Biotechnology"	UGC and KSTA	Department of Biochemistry and Biotechnology. Maharani's Science College for women, Palace road, Bangalore-01 12 and 13 March -2015.
28	Orientation Workshop on Radiation-its Application in physical, Chemical and Life sciences.	UGC-DAE Consortium for Scientific Research Kolkata Centre.	Department of Studies in Physics, Mangalagangothri, Mangalore University.Mangalore. June 24-25. 2015
29	18th biennial meeting and national conference of Indian aerobiological society on impact of aerosols on health, heritage and environment	Indian aerobiological society and Tumkur University.	Departments of Science, Tumkur University, B. H. Road, Tumakuru - 572103 28-30 September, 2015.
30	International conference on science, connecting health and society.	Srishti International (Applied Research and Environment) Bangalore.	Colombo City Hotel, Conference Hall, Colombo, Sri Lanka. 28 -29 November, 2015
31	103 rd Indian Science Congress	The Indian Science Congress Association	University of Mysore, Mysuru. January 3 to 7, 2016
32	Special lecture Series on "Recent trends in Sericulture"	University of Mysore.	Department of Studies in Sericulture Science, University of mysore,Manasagangothri,Mysuru-5 16-17 December, 2016
33	XL Indian Social Science Congress-2016	Indian Academy of Social Sciences and University of Mysore	University of Mysore, Mysuru, Karnataka 19-23 December, 2016
34	104 th Indian Science Congress-2017, Section of Plant Sciences.	ISCA, Kolkata. India	S.V.University, Tirupati. Andhra Pradesh 3-7 January, 2017
35	104 th Indian Science Congress-2017, Section of Animal, Veterinary and fishery Sciences.	ISCA, Kolkata. India	S.V.University, Tirupati. Andhra Pradesh 3-7 January, 2017,
36	National seminar on "Ornamental plants-Scope, opportunities and Challenges"	UGC-Sponsored Community College Programme. Govt. of Karnataka, DCE.	Maharanis Science College for Women. JLB Road, Mysuru, Karnataka. 21 -22 March, 2017
37	National Conference on "Recent Advances in Aquaculture"	UGC sponsored. Dept of Collegiate Education.	Maharanis Science College for Women. JLB Road, Mysuru, Karnataka. 30-31 March, 2017

38	Largest Yoga lesson-Single venue on international Day of Yoga	Department of Tourism, Govt. of Karnataka	Mysore Race Course, Mysuru 21 June, 2017
39	International meeting on “Genomic instability and Cancer”	Mahajana Education Society.	PBMM Education Centre, PG wing of SBRR Mahajana 1 st Grade College, Metagalli, K.R.S Road, Mysuru. 26 October, 2017
40	National Conference on Emerging trends and approaches in Zoological Science	Tumkur University	Department of studies and research in Zoology. 31 st Jan 2018
41	National Conference on Seri-Biomics: Challenges, innovations and Solutions [Committee member and rapporteur]	University of Mysore	Department of Sericulture. Manasagangothri. Mysuru-06 15-17 February 2018
42	National Conference on Scientific advancement for sustainable development	Global association with Global Association for scientific young minds and SDMMM V	Department of Biotechnology, biochemistry and Microbiology. SDMMM V, Krishnamurthypuram. Mysore. 22 nd – 23 rd Feb 2018
43	105 th Indian Science Congress	The Indian Science congress Association	Manipur University, Imphal. Manipur. 16 to 20, March 2018
44	National Conference on Biodiversity Conservation-Recent Development and Future Strategies. Section B.	Kuvempu University and Department of Forest, Ecology and Environment.	Dept. of Wildlife and Management, Kuvempu University, Shankarghatta, Shivamogga, Karnataka, India. November 16 to 17, 2018
45	106 th Indian Science Congress	The Indian Science Congress Association.	Lovely Professional University, Punjab. 3 to 7, January 2019
46	XLIII Indian Social Science Congress	Indian Social Science Academy.	Bengaluru Central University, Bengaluru, Karnataka. January 17-21, 2020
47	National Conference on “Recent Research and Innovations in Life Sciences”	Sri DMES, Ujjire	Department of Microbiology, MMK and SDM Mahila Maha Vidyalaya, Mysuru. 31 st Jan – 1 st Feb 2020

Dr. ROHITH L SHANKAR