
General Information

1. Contact Information

Name : M.SHIVASHANKAR
Date of Birth : 28.11.1965
Telephone : 8722048456
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Web :
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2. Present Position

- (a) Designation : Professor and Chairman
(b) Organization : Bangalaoe University
(c) Date of Appointment : 28.02.2003
(d) Former positions : (i) Associate Professor
(ii) Assistant Professor
(ii) Lecturer

3. Details of Experience:

- (1) Co-ordinator for 4 Year BS Course 29.05.2013
- (2) Co-Ordinator for PG Diploma course in Clinical Embyology and Assisted Reproductive Technology from 20.01.2017 to till today
- (3) Co-ordinator for PG MSc Life Science and 5 year Integrated Biological Sciences from 20.04.2017 (Assist to Dean, Faculty of Science)
- (4) Co-ordinator for PG MSc Life Science and 5 year Integrated Biological Sciences from 11.10.2017

- (5) Chairman for PG M. Sc Life Science and 5 Year Integrated Biological Sciences from 11.01.2018 to till today.

4. Educational Qualifications

S N	Qualification	University	Year	Subject(s) / Topic(s)	%	Distiction etc.,
(1)	B.Sc	Bangalore University	1993	Chemistry Botany Sericulture	61.3	First Class
(2)	M.Sc	Bangalore University	1995	Sericulture	63.9	First Class
(3)	Ph.D	Bangalore University	1999	Sericulture		Awarded

5. Administrative Experience / Posts & Responsibilities held

- (1) Assisnat Warden to PG Mens Hostel, BUB from 24th March 2007 to 19th July .2007
- (2) Chief Warden PG II Hostel to PG Mens Hostel, BUB from 19th July2007 to
- (3) Squad Chief for PG IV and II Sem 28.05.2015
- (4) Chief Custodian PG exams in Life Sceince 23.12.2017- Till date.
- (5) Custodian for Valuation unit UG Annual Scheme DCC 13.01.2018
- (6) Co-ordinator for Re-valuation PG exams 28.03.2018
- (7) Chief Custodian for 5 year integrated Biological Sciences 2017- Till date
- (8) Chief Custodian for One year PG Diploma in CEART 2017- Till date

5(a) Membership of Professional Bodies

Life Membership	Society of Cytologists and Geneticists, India	2002
Member	Central Sericultural Research and Trainning Institue, Mysore.	2012-2022

6. (a) Academic / Teaching & responsibilities

S.No	Post	Organization/ University	Duration	
			From (Date)	To (Date)
(1)	Lecturer	Bangalore Univeristy	28 th Feb 2003	31 December 2005
(2)	Assistant Professor (Stage I)	Bangalore Univeristy	Ist January 2006	27 th February 2007
(3)	Assistant Professor (Stage II)	Bangalore University	28 th February 2007	27 th February 2012
(4)	Associate Professor (Stage III)	Bangalore University	28 th February 2012	1 st July 2015
(5)	Professor	Bangalore University	Ist July 2015	1 st May 2019
(6)	Professor	Bangalore University	Ist May 2019	Till date

BOS/BOE/Chief Custodian/Faculty of Science/

S.No	Post	Organization/ University	Duration		Experience (In Years and Months)
			From (Date)	To (Date)	
	BOS- Member in Sericulture (UG-PG)	Bangalore Univeristy	23.4.2008	23.4.2011	3 Years
	Faculty of Science	Bangalore University	03.01.2007	03.01.2009	2 Years
	BOS- Member in Sericulture (UG-jjPG)	Bangalore University	05.06.2014-	05.06.2017	3 Years
	BOS Member in Life Science	Bangalore University	04.06.2014	04,06,2017	3 Years
	BOE member in Sericulture (PG)	Bangalore University	25.09.2012	2013	1 Year
	Member in Academic Advisory Committee for 4 Year BS Course	Bangalore University	02.08.2013	2014	1 Year
	BOE Member in PG Life Science and Sericultue	Bangalore University	24.09.2013	2014	1 Year
	BOE Chairman in UG 4 Years BS Course	Bangalore University	02.09.2014	2015	1 Year
	BOE Member in PG Life Science	Bangalore University	27.09.2014	2015	1 Year

	Faculty of Science	Bangalore University	18.02.2014	18.02.2016	2 Years
	BOE Member in Life Science, PhD Course work	Bangalore University	06.05.2015		1 Year
	BOE Member in Sericulture and Sericulture Technology	University of Mysore	13.03.2015	2016	1 Year
	BOE member in PG-Life Science	Bangalore University	10.10.2015	2016	1 Year
	BOE Membser for PG-Life Science,	Bangalore University	19.10.2016	2017	1 Year
	BOE Chairperson for PG-Biological Sciences and Diploma in CEART	Bangalore University	19.10.2016	2017	1 Year
	BOS Chairman and Member for Life Sceince and Biological Sciences	Bangalore Unilversity	13.06.2017	2020	3 Years
	BOE-Member in Wildlife and Management,	Kuvenpu University	17.10.2017	2018	1 Year
	Member, BOS in Sericultue (UG)	Yuvarajas College, Mysore	19.05.2018	2020	2 Years
	Member in Faculty of Science.	Bangalore University	30.06.2018	2020	2 Years
	BOE Chairperson in Biological Sciences	Bangalore University	01.12.2021	2022	1 Year
	BOE Member in Biologicala Sciences	Bangalore University	01.12.2021	2022	1 Year
	BOE Chairperson and Member in Life Science	Bangalore University	01.12.2021	2022	1 Year
	BOE Chairperson for ph.D Course work	Bangalore University	20.12.2021		

(b) Participation and contribution in relevant areas in higher education

	Conference/Symposium	Organization	Areas of Specialization
1.	Presented a paper in National symposium on Recent Trends in Life Sciences held on October 23-25, 1997	Department of Zoology, Punjabi University, Pati	Zoology
2.	Participated in National conference on Frontiers in Biotechnology held in Aurangabad form February 5-7. 1998	Govt. Institute of Sceince, Aurangabad Maharashtra (India)	Biotechnology

3.	Participated in Commercial Aspects of Plant Tissue culture, Molecular Biology and Medicinal plant Biotechnology held on February 25-27,1998	Centre for Biotechnology and Botany, Jamia Hamdard, New Delhi	Biotechnology
4.	Participated in National Seminar on Tropical Sericulture held on 28-30 December 1999	Department of Sericulture, UAS, Bangalore	Sericulture
5.	Participated National Conference on strategies for sericulture research and development held on 16-18 November 2000	Central Sericultural Research and Training Institute, Mysore	Sericulture
6.	Participated in Fourth International and Sixteenth National symposium on Recent Trends in Life Sciences, held on 7-9 February 2000	Department of Aquatic Biology and fisheries University of Kerala, Trivandrum.	Zoology
7.	Participated in 8 th All India Conference of Cytology and Genetics held on January 23-25,2001	Bangalore University, Bangalore	Zoology
8.	Presented reseach paper in National Conference on New Strategies in Reseaach and Development of Sericulture- Indian perspective, held on 9-10 March 2006	Department of Sericulture, Bangalore University, Bangalore.	Sericulture
9.	Presented a research paper in International Conference in Zoology INCOZ, held on 19-22,2006.	UGC Academic staff college and Bangalore University, Bangalore.	Zoology
10.	Presented a research paper in National Conference on Emerging trends and Future Challenges in Biotechnology, held on 22-23, September 2006.	Department of Biotechnology, PES Instiitue of Technology, Bangaloe	Biotetchnology
11.	Paarticipated in National Seminar on Soil Health and water manangement of sustainable sericulture, held on 27-28 September 2006	Central Silk Board, Govt. of India, Kodathi, Bangalore	Sericulture
12.	Participated in the National Workshop on Selection Indices in Breeding of Mulberry and Silkworm, held on 1 st July 2005	University of Agricultural Sciences, Bangalore	Sericulture
13.	Participated 30 th AICBC Molecules to Compartments: Cross-Talks and Networks, held on 2-4 February 2007	Department of Zoology, University of Delhil	Molecular Biology
14.	Participated in National Seminar on Emerging trends in plant tissue culture and secondary metabolite production held on22-23 May 2009	Padmashree Institiute of Management of Sciences, Bangalaore.	Biotechnology

15.	Participated in National Symposium on Role of Sciences in Climate Change and Global Warming on 19-21 February 2009	Department of Biotechnology and Zoology, VV Puram College, Bangalore	Biotechnology
16.	Participated in National Symposium on Role of Life Sciences in Human Welfare held on 21-23 February 2008	Department of Biotechnology and Zoology, VV Puram College, Bangalore	Biotechnology
17.	Presented a research paper in Eleventh all India conference on cytology and genetics held on 23-25 January 2012	Department of Molecular Biology	Molecular Biology
18.	Presented a research paper in International symposium on current trends in endocrine and reproductive health held on February 10-12, 2011	Department of Zoology, University of Mysore, Mysore	Zoology
19.	Participated in National Seminar on The Role of Police in protection of Human Rights in India: Issue and Prospects held on 28-29 th September 2012	University of Law College, Bangalore	Law
20.	Participated Brainstorming session on Nanotechnology and its application in Sericulture on 10.10.2012	Central Sericultural Research and Training Institute, Mysore	SeriBiotechnology
21.	Presented a research paper in National Conference on Plant Biology in plants, people and Planet held on 24-27 th September 2013	Department of Botany, Bangalore University, Bangalore.	Botany
22.	Presented a paper in National Conference on Recent Advances in Nano Science and Technology on 3-4 May 2013	Acharya Institute of Technology, Department of Physics and Biotechnology. Bangalore.	Biotechnology
23.	Presented a paper in National Conference on Emerging protein Technologies for formulation solution held on 16 th October 2014	University College of Science, Tumkur University. Tumkur	Biotechnology
24.	Chaired a Session in the National Conference on Conservation of Biodiversity in Deccan Plateau held on 10 th October 2014.	Department of Zoology, University College of Science, Tumkur University,	Zoology
25.	Presented a paper in 9 th KSTA Annual Conference on Science, Technology and Innovations in the 21 st Century held on 20-21 December 2016	Karnataka Science and Technology and Christ University	Zoology

26.	Presented a research paper in one day International Conference on Science and Technology for Management of Emerging Environmental Issues, held on 7 th January 2017	Department of Environmental Science, Bangalore University	Environmental Science
27.	Presented a paper in International Conference on Multidisciplinary Approach of Science: Nanotechnology- a Boon for mankind held on 18-19 th September 2018	Department of Life Sciences, School of Sciences, Garden City University.	Biotechnology
28.	Presented a paper in the National Workshop on Bioenergy held on 6 th October 2018	Mahatma Gandhi Institute of Rural Energy and Development Bangalore	Biotechnology
29.	Participated in National Seminar Regulatory Affairs and GMP in Biopharmaceutics held on 26-27 th October 2018	Achary Institute of Technology	Biotechnology
30.	National Conference on Crystallography at 27 th -29 th June 2018. (Poster Presentation)	National Institute of Mental Health and Sciences, NIMHANS, Bangalore	Crystallography
31.	International Conference on Frontiers in Materials from Basic Science to Real-time Applications (F2DM) 13-16 th March 2019. (Poster Presentation)	Centre for Nano and Material Science, Jain University, Bengaluru.	Nano Materials

6. (c) Involvement with formulation of academic programmes:

- (1) Participated in the Refresher Course in the subject Botany from 26 March-16th April 2004 and obtained A Grade. Organised by Academic Staff College, Bangalore.
- (2) Participated in the Orientation Programme from 17th Feb-17th March 2005 and obtained A-Grade. Organized by Academic Staff College, Bangalore.
- (3) Participated in the Refresher Course in the Life Science from 15th February-8th March 2010 and obtained A- Grade. Organized by Academic Staff College, Bangalore.
- (4) Assignment of duties for conduct of UGC-NET for Junior Research Fellowship held on 30 December 2012
- (5) Assignment of duties for conduct of UGC-NET for Junior Research Fellowship held on 3th June 2013
- (6) Member-Admission Committee for selection of students for PG admission. 23.07.2014-15
- (7) Participated in Workshop on Advanced Molecular Techniques Biosciences held from 24-30th June organized by the Department of Biotechnology, PES Institute of Technology, Bangalore

7. Publications 2013 onwards

Sl No	Authors, Title, Journal with Volume and Page number	Year	ISSN No.	Status of Journal	UGC approved Journal status
1	M.Shivashankar Genetic diversity analysis of eri silkworm by RAPD <i>Journal of Chemical, Biological and physical Sciences, Vol3 No1, 326-335</i>	2013	ISSN 2249-1929	International	Nil
2	M.Shivashankar Guruprasad NM and Chnadn.N Heterogeneity in honeybee's populations of India revealed by RAPD analysis, <i>Journal of Chemical, Biological and physical Sciences, Vol3 No2, 1155-1159</i>	2013	ISSN 2249-1929	International	Nil
3	M.Shivashankar , Premkumari B and Chandan N, Comparative studies on biosynthesis, partial characterization of silver nano- particles and antimicrobial activities in some edible mushroom. <i>Nano science and Nano technology 8(1),8-14.</i>	2013	ISSN 0974-7494	International	Nil
4	M.Shivashankar , Rajeswari S, Nagananda GS, Rajath S and Chandan N Comparative antioxidant and antimicrobial studies of cold and hot bark hydromethanolic extract of <i>Courouplta guianensis</i> , <i>Research in Pharmacy 3 (6),6-13</i>	2013	ISSN 2231-539x	International	Nil
5	M.Shivashankar , Premkumari, B and Chandan N, Biosynthesis, partial characterization and antimicrobial activities of silver Nano particles form <i>Pleurotus</i> species, <i>International journal of Integrative Sciences, Innovation and Technology,2 (3), 13-23</i>	2013	ISSN 2278 1145	International	Nil
6	M.Shivashankar Genetic diversity of commercial Banana varieties using RAPD markers, <i>International Journal of Current Microbiology and Applied</i>	2013	ISSN 2319-7706	International	Nil

	<i>Sciences</i> , 2(8),400-403				
7	M.Shivashankar Production of citric acid by mutants of <i>Aspergillus niger</i> in solid state fermentation. <i>International journal of Integrative Sciences, Innovation and Technology</i> ,2 (8), 400-403	2013	ISSN 2319- 7706	International	Nil
8	M.Shivashankar Premkumari, B and Chandan N, Antimicrobial activity of silver nanoparticles by <i>Pleurotus cirinopileatus</i> and <i>Pleurotus eryngii</i> . <i>Journal of Nanotechnology and its applications</i> Volume 15, Issue3	2013	ISSN: 0973- 418x	International	Nil
9	M.Shivashankar . Premkumari B Preliminary qualitative phytochemical screening of edible mushroom <i>Hypsizygus ulmaris</i> . <i>Star Journal</i> 3(1),122-125	2014	ISSN: 2226- 7522	Refereed Journal	Nil
10	M.Shivashankar and Premkumari B Enzyme kinetics of protease from <i>Hypsizygus ulmaris</i> , <i>International Journal of Parma and Bio Sciences</i> ,5(2),746-754	2014	ISSN 2277- 8330	International	Nil
11	M.Shivashankar and Premkumari B Characterization of esterolytic activity from edible mushroom <i>Hypsizygus ulmaris</i> <i>J.Bio. Innov</i> (3),124-134	2014	ISSN 2454- 6348	International	Nil
12	M.Shivashankar Study on moisture content of substrate (Sesamam oil cake and rice chaff) on the yield of citric acid <i>International Journal of Current Microbiology and Applied Sciences</i> , 3(5),1038-1044	2014	ISSN 2319- 7706	International	Nil
13	M.Shivashankar and Chandan N Comparative studies on seasonal rearing preformation of eri silkworm <i>Samia Cynthia ricini</i> (Boisdual) in Bangalore condition. <i>International journal of innovative research and studies</i> , 3, Issue 6,348-359	2014	ISSN 2319- 9725	International	Nil
14	M.Shivashankar Random amplified polymorphic DNA (RAPD) markers on anticancer drug plants. <i>International Journal of Current</i>	2014	ISSN 2319- 7706	International	Nil

	<i>Microbiology and Applied Sciences</i> , 3(7),1091-1101				
15	M.Shivashankar Genetic diversity and relationships of piper species using molecular marker. <i>International Journal of Current Microbiology and Applied Sciences</i> , 3(8),1101-1109	2014	ISSN 2319- 7706	International	Nil
16	Premkumari B and M. Shivashankar Study on in vitro free radical scavenging activity of <i>Hypsizygu ulmarius</i> mushroom. <i>Journal of Chemical and pharmaceutical Research</i> 6 (6),501-507	2014	ISSN 0975- 7384	International	Nil
17	M.Shivashankar Study on RAPD molecular distinction in mulberry varieties. <i>International Journal of Current Microbiology and Applied Sciences</i> 4 (4),1097-1105	2015	ISSN 0975- 7384	International	Nil
18	M.Shivashankar Study on leaf moisture status of some mulberry varieties as influenced by foliar spray of paras (mulberry garden). <i>International Journal of Current Microbiology and Applied Sciences</i> 4(6),1200-1206	2015	ISSN 2319- 7706	International	Nil
19	Deepali Soren, S. Poornima and M. Shivashankar Role of allelochemicals from an obnoxious weed <i>Stachytarpheta Jamicensis</i> (L) Vahl., on growth parameters of crop plants- <i>Eleusing Coracana</i> gretn. (Ragi) and <i>Trigonella foenum-graecum</i> .L. (Fenugreek). <i>International Journal of Food, Agricultural and Veterinary Sciences</i> Vol.7(3) September-December, pp,75-84,2007	2017	ISSN 2277x	International	UGC Approved
20	Pratibha Ramdasappa, Shivashankar Mallaiiah Comparative analysis on the quality characteristics of commercially important	2018	ISSN 2278-1404	International	UGC Approved

	mango cultivars for canning, <i>International Journal of Fundamental and Applied Science</i> .Vol 7 No.1,13-17,2018				
21	Ann Sandhya Michael, Ananda Kumar MD, Shivashankar, M Heat shock proteins as a defense mechanism in midgut and haemocytes of <i>Bombyx mori</i> larvae subjected to various stressors, <i>International Journal of Entomology Research</i> . Volume 4,Issue 1,77-83,Jan-2019	2019	ISSN 2455-4758 IF:RJIF 5.24	International	UGC Approved
22	Neha Keral, Govindaiah, M. Shivashankar and Manamohan.M. S Antimicrobial and mycochemical analysis of crude extracts of marine and terrestrial fungi, <i>International Journal of advanced scientific research and management</i> ,Volume.4,Issue 1, Jan-2019	2019	ISSN 2454-6378	International	UGC Approved
23	Shivashankar.M Studies on inhibitory effect of phyto extracts over growth and exotoxin activity of <i>Pseudomonas aeruginosa</i> strain PP76, <i>International Organization of Scientific Research, Vol5, Issue 1 (Jan-Feb 2019)</i> ,pp-60-69	2019	ISSN 2455-264X Imp.F 3.59	International	UGC Approved
24	K.H. Venkatesh and M. Shivashankar Meiotic behavior and chromosomal association of two diploid mulberry varieties (<i>Moraceae</i>) <i>Chromosome Botany</i> ,13(2):68-70,2019	2019		International	UGC Approved
25	S. Poornima, Suhani Jain and M. Shivashankar Sunlight induced rapid and efficient biogenic synthesis and characterization of silver nanoparticles from leaf and dye extract of <i>Bixa Orellana</i> L. A natural food dye plant. <i>The Pharma Innovation</i> , 8 (3):73-80, March 2019	2019	ISSN (E) 2277-7695	International	UGC Approved
26	Shivashankar. M Green synthesis of silver nanoparticles	2019	ISSN:2340-5162	International	UGC Approved

	using seed extract of mucuna purines and its anticancer activity. <i>International Journal of emerging technologies and Innovative Research v0l,6Issue 3, March 2019</i>		IF: 5.87		
27	Ramadasappa Prathibha and Mallaiah Shivashankar Evolution of the phenolic content and antioxidant potential of various mango varieties from southern India, <i>International Journal of emerging technologies and Innovative Research</i>	2019	ISSN:2349-5162 IF: 5.87	International	UGC Approved
28	Shivashankar.M Extraction and optimization of chitosan from edible mushroom using for food coating and water treatment, <i>International Organization of Scientific Research</i>	2019	2455-264x IF: 3.59	International	UGC Approved
29	NehaKeral, Govindaiah, M. Shivashankar, M.S. Manmohan Evaluation of cultural conditions on the growth of marine fungi and their antimicrobial activity, <i>Journal of Life Science, Bioinformatics, Pharmaceutical and Chemical sciences</i> , Volume 5, Issue 2,(March-April-2019)	2019	2454-6348	International	UGC Approved

7.(c) Mphil Degree Awarded:

No.	MPhil Candidates	Status	Year
(1)	Kavitha B.K	Awarded	2008
(2)	Vijayakumar D	Awarded	2008
(3)	Pushpa	Awarded	2008

Ph.D Degree Awarded:

No.	Ph.D Candidates	Status	Year
(1)	Lokesh	Awarded	2014
(2)	Premkumari.B	Awarded	2016

(3)	Chandan.N	Awarded	2016
(4)	Pratibha.R	Awarded	2022

No.	Ph.D Persuinig Candidates	Status	Year
(1)	Varna Sampath	Working	2016
(2)	Anusha. R	Working	2020
(4)	Rakesh.Y Raj	Working	2021
(5)	Jagadishakumara. B	Working	2021

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8. Research Projects:

No.	Major/Minor projects	Funding Agency and approved ammount	Duration of assignment
(1)	Genetic Diversity and relationship among different vatieties of eri silkworm <i>Philosamia ricini</i>	UGC RS.10.80 lakhs	3yesars (Completed)
(2)	Socio Economic development of rural weaker populations through vermicomposting and mushroom culture in Mandya Distict.	DBT Rs.25.914 lakh	4Years (Completed)
(3)	Genetic diversity of mulberry and non mulberry siliworm	BUB 1 lakh	1 Year (Competed)
(4)	Extraction of lignin from coirpith substrate and it's application in bioplastic production by using bacteria <i>Ralstonia eutrophes</i>	BUB	Submitted

12. Any other information: -

- (1) Worked as Escort Officer to the Hon'ble Member of the Parlilment 19-21 Jan 2021
- (2) Member in Student Mentoring Cell 01.02.2016
- (3) BUTC- Member, BUB

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- (4) Committee Member for Prevention of Sexual Harassment of Women at work place in BUB
 - (5) Member in Animal Ethical Committee 20.05.2019