

Bio-Data

Dr. B. THIPPESWAMY	
Designation and Present Address	Assistant Professor Dept. of P.G. Studies & Research in Microbiology, Kuvempu University Jnanasahyadri, Shankaraghatta-577451 Shivamogga (Dist.), Karnataka, INDIA.
Date of Birth	20-05-1976
E-Mail ID.	thippeswamyb205@gmail.com
Phone No.	+91 8762219091, +91 9148906921
Qualification	M.Sc., Ph.D. Post Doc. (USA).
Area of Specialization	Agricultural Microbiology & Phytopathology, Environmental Microbiology & Industrial Microbiology.
Countries Visited	USA, Thailand.



Education Profile:

Examination Passed	Subjects	University/ Institution	Year	Result
Post Doctoral Research	"Host Matrix of <i>Pseudoperonospora cubensis</i> in Cucurbits" and "Epidemiology on Black rot of Sweetpotato caused by <i>Ceratocystis fimbriata</i> ".	North Carolina State University, Raleigh, USA.	2015	Awarded
Ph.D.	"Seed borne fungal diseases of vegetable crops in Karnataka".	Kuvempu University	2004	Awarded
M.Sc.	Applied Botany	Kuvempu University	2000	First Class
B.Sc.	Chemistry, Botany, Zoology	Kuvempu University	1998	First Class
PUC	Physics, Chemistry, Maths, Biology	PU Board, Bangalore	1994	Second Class
S.S.L.C.	Kannada, English, Hindi, Maths, Science, Social	KSEE Board, Bangalore	1992	Pass

Awards and Recognition:

Best Poster Presentation Award (1st & 3rd): National Conference on CMCE-2018 organised by Dept. of Microbiology, Kuvempu University on March 09th & 10th -2018.

Raman Fellowship Award: Post- Doctoral Research at USA sponsored by UGC, New Delhi during 2014-15.

Fellow Member: Indian Science Congress Association- 2014

Fellow Member: International Society of Biotechnology -2014

Best Oral Presentation Award: National Conference on BCSM-2014 organised by Dept. of Zoology, Kuvempu University on March 25th & 26th -2014.

Senior Research Fellowship (SRF): Ph.D. Programme in Kuvempu University, during 2003-2004.

Junior Research Fellowship (JRF): Ph.D. Programme in Kuvempu University, during 2001-2003.

Research Experience: Eighteen Years (18 Years)

Area of Research Specialization: Agricultural Microbiology & Phytopathology
Environmental Microbiology and Industrial Microbiology.

1. **Post Doctoral Research** - Conducted at Dept. of Plant Pathology, **North Carolina State University, Raleigh, USA**, during January 2015 to December **2015**.
2. Visited Research Laboratory for Exchanging Research experience at **University of Florida-Citrus Research and Education Centre, Lake Alfred, Florida, USA**, during 20-21 and August 24, 2015.
3. Participated First Annual Symposium of Genetic Engineering @ North Carolina State University, SAS Auditorium, **Raleigh, NC, USA**, during April 28, **2015**.
4. Conducted extensive investigation for Ph.D. Thesis on the topic "***Seed borne fungal diseases of vegetable crops in Karnataka***" under the Research Supervisor of **Dr. M. Krishnappa**, Professor, Department of P.G. Studies and Research in Applied Botany, Kuvempu University during the period -**2001-2004**.
5. **M.Sc., dissertation** – Effect of NPK on seed germination and seedling vigour of tomato.
6. Research Guidance for M.Sc., and Ph.D. Students in Microbiology

7. Conducting Research Projects and Innovative Research in Microbiology

Novel Microorganisms Sequence Deposited at Genbank, NCBI:

1. Lokesh S.T and **Thippeswamy, B. 2018.** Dept. of Microbiology, Kuvempu University, Inanasahyadri, Shankaraghatta-577451, Shimoga (Dist.), Karnataka. INDIA.

GenBank Accession No.	Name of the Nucleotide	Source
MH579419	16S rRNA partial	<i>Fusarium annulatum</i> LBT01

2. Banakar, S.P. and **Thippeswamy, B. 2014.** Dept. of Microbiology, Kuvempu University, Inanasahyadri, Shankaraghatta-577451, Shimoga (Dist.), Karnataka. INDIA.

GenBank Accession No.	Name of the Nucleotide	Source
KF878389	16S rRNA partial	<i>Penicillium</i> sp. KUSBT1
KF878390	16S rRNA partial	<i>Hamigera</i> sp. KUSBT2
KF878391	16S rRNA partial	<i>Colletotrichum</i> sp. KUSBT3

Research Projects:

Sl. No.	Topic	Funding Agency	Amount (Lakhs)	Status
1.	AM fungi in herbaceous medicinal plants	UGC, New Delhi	38,000/-	Completed (Dec-2008 to Sep-2009).
2.	Bioaccumulation of Heavy Metals in Industrial effluents	UGC, New Delhi	10,67,800/-	Completed (May-2009 to April-2012).
3.	People's Biodiversity Register on Chickmagalore District. (Co-coordinator).	Karnataka Biodiversity Board, GOK, Bangalore.	5,20,500/-	Completed (Sept.-2013 to June-2014)
4.	Reclamation of heavy metal polluted and drought soil using AM fungi as biofertilizer by molecular approaches.	DST-SEED, New Delhi	6,00,000/-	Completed (January 2013 to December 2014)
5.	"Production & Supply of Tissue cultured & Disease free Banana plantlets of var. "Putta bale" to the SC/ST & weaker section farmers of	DBT-New Delhi. (Co-Investigator)	32,02,065/-	On-going (From 2016 to 2019)

	Karnataka for Economic development – An extend Project”.			
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Research Guidance:

Number of Ph.D. Students Awarded: **09**

Number of Ph.D. Students Currently Working: **06**

Number of Ph.D. Thesis Evaluated: **03**

Number of M. Phil., Thesis Evaluated: **02**

Number of M.Sc., Project work Guided: **160**

Research Guidance (Awarded Ph.D.):

Sl. No.	Research Student	Research Topic	Registration No.	Examiners	Awarded by the University
1.	Shivakumar, C.K.	Bioremediation of Heavy Metals in Industrial Effluent.	713/2010	1.Prof.S. M. Gaddad Dept. of Microbiology Gulbarga University Gulbarga. 2. Prof. S.M. Murugesh Dept. of Botany Periyar University, Periyar, Salem, TN.	Kuvempu University - 2014
2.	Thirumalesh B.V.	Characterization of <i>Xanthomonas campestris</i> pv. <i>mangiferaeindicae</i> Causing Bacterial Black Spot of Mango.	277/2009	1.Prof.V.V. Datar Head, IA RI Regional Station, Agri. College Estate, Shivajinagar, Pune (MS)-411 005. 2.Prof. K. Manjunath Dept. of Microbiology, Bangalore University, Bangalore.	Kuvempu University - 2013
3.	Shivakumar P. Banakar	Assessment of Litter & Forest soil samples of BWLS for Fungal Diversity.	63/2008	1.Prof.S.S. Kamble Dept. of Botany, Shivaji University, Kolhapur (MS). 2.Prof.P.B. Papdiwal Dept. of Botany, Dr. Babasaheb	Kuvempu University - 2013

				Ambedkar Marathwada University, Aurangabad-431004.	
4.	Nayana Shree, G.	Isolation, Screening and Characterization of Natural Rubber degrading microorganisms.	715/2010	1.Prof. K. Lingappa Dept. of Microbiology Gulbarga University Gulbarga. 2. Prof. R.F. Rodrigues Dept. of Botany Goa University, Goa.	Kuvempu University - 2014
5	Naveen Kumar K.J.	Isolation, Screening and Characterization of Arecanut husk degrading Fungi and Bioethanol production.	714/2010	1. Prof. A.G. Deviprasad, Dept. of Environmental Science, University of Mysore. 2. Prof. V. V. Datar Head, IARI Regional Station, Agri. College Estate, Shivajinagar, Pune (MS)-411005.	Kuvempu University - 2014
6.	Hemavani C.	Study on the diversity of AM fungi in herbaceous plants in BWLS.	278/2009	1. Prof.V.V.Datar Head, IARI Regional Station, Agri. College Estate, Shivajinagar, Pune (MS)-411005. 2. Prof. K. Lingappa Dept. of Microbiology Gulbarga University Gulbarga.	Kuvempu University - 2014
7.	Vijaya Kumar M.L.	Screening & Evaluation of microbial metabolites for antimicrobial & Pharmacological activities.	64/2008	1.Prof.M.N.Sreenivasa Dept. of Agril. Microbiology, UAS, Dharwad. 2.Prof.K. Sreejith Dept. of Microbiology & Biotechnology, Kannur University, Thalassery campus, Palayad, Kerala.	Kuvempu University - 2015

8.	Rashmi B Artal (Co-Guide).	Biointensive management of tomato wilt caused by <i>Ralstonia</i> <i>solanacearum</i> E.F. Smith (Yabuchi <i>et</i> <i>al.</i> , 1995).	710/201 0	Dr. R. Rangeshwaran Principal Scientist National Bureau of Agriculturally Important Insects Bangalore. Dr. T. Mahesh Kumar Principal Scientist Central Tuber crops Research Institute, Thiruvananthapuram, Kerala.	Kuvempu University - 2015
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Teaching Experience (14 Years):

2006 to till date: Assistant Professor in the Department of P.G. Studies and Research in Microbiology, Kuvempu University, Jnanasahyadri, Shankaraghatta, Shivamogga, Karnataka, India.

2005-2006: Lecturer in the Department of P.G. Studies and Research in Applied Botany, Kuvempu University, Jnanasahyadri, Shankaraghatta, Shivamogga, Karnataka, India.

2004-2005: Lecturer in the Department of Botany and Seed Technology, Sahyadri Science College, Shivamogga, Kuvempu University. Karnataka, India.

Administrative Experience;

Convener: SC/ST and Development Cell, Kuvempu University, Jnanasahyadri, Shankaraghatta, Shivamogga. (From 1st June 2016 to till date).

Deputy Registrar: Academic Section (From 15-06-2017 to 01-01-2018).

Co-ordinator: Department of P.G. Studies and Research in Microbiology, Kuvempu University, Jnanasahyadri, Shankaraghatta, Shivamogga. (From 08th March 2017 to 05th August 2017 and September 2010 to January 03rd 2015, 2006-2007).

Faculty Advisor: New P.G. Boys Hostel, Kuvempu University, Jnanasahyadri, Shankaraghatta, Shivamogga. (From August 18, 2011 to August 25, 2014).

Hostel Faculty Advisor Committee–Convener: Kuvempu University, Jnanasahyadri, Shankaraghatta, Shivamogga Dist., (From January 2013 to August 25, 2014).

Member: Local Inspection Committee (CDC), University Hospital Advisor Committee, Guest House Advisor Committee, Convocation Advisor Committee, Examination Squad Committee, Store Purchase Inspection Committee in Kuvempu University.

Academic Bodies Experience:

BOS & BOE-Member (PG)- Dept. of Microbiology, Kuvempu University (From 2006 to till date).

BOS-Chairman (UG)- Dept. of Microbiology, Kuvempu University (From 2013 to 2014, 2016 to 2019).

BOS-Member (UG)- Dept. of Microbiology, Sahyadri Science Autonomous College, Kuvempu University, Shivamogga. (From 2017 to 2019).

BOS-Member (UG)- Dept. of Microbiology, Kuvempu University (From 2010 to 2014, 2016 to 2019).

BOS-Member (UG)- Dept. of Microbiology, Gulbarga University (From 2011 to 2014).

BOS-Member (UG)- Dept. of Biotechnology/Sericulture, Davangere University (From 2010 to 2013).

BOAE-Member (PG & UG)- Dept. of Microbiology, Kuvempu University (From 2010 to till date).

BOE-Member (Ph.D.) - Dept. of Microbiology, Kuvempu University (From 2013 to till date).

BOE-Chairman (PG)- Dept. of Microbiology, Kuvempu University (From 2010 to 2014, Jan. 2016 to Feb. 2017).

BOE-Member (PG)- Dept. of Microbiology, Karnatak University (From 2014 to 2015).

BOE-Member (PG)- Dept. of Microbiology, Gulbarga University (From 2013 to 2014).

BOE-Member (UG)- Dept. of Microbiology, Bangalore University (From 2012 to 2013).

BOE-Member (PG)- Dept. of Microbiology, Sahyadri Science College (Autonomous), Shivamogga (From 2010 to 2011).

BOE-Member (PG)- Kuvempu University, University of Mysore, Bangalore University, Gulbarga University, Karnatak University, Mangalore University, Davangere University, to conduct and valuation of theory and Practical examinations.

Organising Conferences/Seminars/Workshop:

Organizing Secretary: Two days National Conference on "Current Microbial Challenges in the Environment" in the Dept. of Microbiology, Kuvempu University, during March 09th and 10th 2018.

Convener: One day State Level Seminar on "Path to Entrepreneurship in Life Sciences" in the Dept. of Microbiology, Kuvempu University, on 22nd February- 2017.

Convener: One day State Level Seminar on "Current challenges of Microbes" in the Dept. of Microbiology, Kuvempu University, on 4th March- 2016.

Organizing Secretary: Two days National Seminar on "Role of Microbes: Past, Present & Future" in the Dept. of Microbiology, Kuvempu University, during 28th and 29th March- 2012.

Organizing Secretary: Two days National Seminar on "Present Scenario of Microbial life" in the Dept. of Microbiology, Kuvempu University, during 28th and 29th March- 2011.

Convener: Two days National Seminar on "Impact of Microbes on Health" in the Dept. of Microbiology, Kuvempu University, during 27th and 28th February- 2010.

Research Papers Published in National and International Journals :

1. Kudure Jayanna Naveen Kumar, **Thippeswamy Basaiah**, 2018. Sodium hydroxide pretreatment and Enzymatic hydrolysis method using xylanase enzyme for Fuel ethanol production from areca nut (*Areca catechu* L.) Husk waste by yeasts and *Zymomonas mobilis* NCIM 2915. *International Journal of Pharmacy and Biological Sciences*, 08 (02): 752-761, ISSN: 2321-3272 (Print), ISSN: 2230-7605 (Online) IJPBS. **IF: 3.125.**
2. Scruggs AC., **T. Basaiah.**, M.L. Adams and L.M. Quesada-Ocampo. 2017. Genetic Diversity, Fungicide Sensitivity, and Host Resistance to *Ceratocystis fimbriata* Infecting Sweetpotato in North Carolina. *Journal of Plant Disease. (American Phytopathological Society (APS)*. 101(06): 994-1001. (dx. doi.org/10.1094/PDIS-11-16-1583-RE.). **IF-3.173. ISSN: 0191-2917). E-ISSN-1943-7692.**
3. Naveen Kumar, K. J. and **Thippeswamy, B.** 2016. Bioethanol production from areca nut (*Areca catechu* L.) husk as an environmental waste management and sustainable energy. *Journal of Biofuels and Bioenergy*, 2(2):141-155. (Indexing: Google Scholar, Ebsco Discovery, CNKI Scholar, Indian Science). (ISSN: P-2454-860X, O-2454-8618).
4. Kudure Jayanna Naveen Kumar, **Thippeswamy Basaiah.**, and Krishnappa Madappa 2016. Effect of Fungal Biotreatment method for Lignocellulosic Ethanol production from Areca nut (*Areca catechu* L.) husk using Yeasts and *Zymomonas mobilis* NCIM 2915.

Journal of Biofuels, 7(02): 79-88. (ISSN:0976-3015), (DOI: 10.5958/0976-4763.2016.00011.8). NAAS-IF-3.73. ICV-84.13.

5. Lokesh Shanubhoganahalli Thimmappa., Naveen Kumar Kudure Jayanna and **Thippeswamy Basaiah. 2016.** Screening of efficient phosphate solubilizing fungi from mine soil and effect of phosphofungi on seed germination and vigour index of ground nut (*Arachis hypogaea* L.) and green gram (*Vigna radiata* L.). *International Journal of Biological Research*, 4(2): 288-294. (doi: 10.14419/ijbr. v4i2.6760).
6. Kudure Jayanna Naveen Kumar, **Basaiah Thippeswamy.**, and Madappa Krishnappa. **2016.** Bioethanol Fermentation from Fungal pretreated Lignocellulosic Areca nut (*Areca catechu* L.) husk using Yeasts and *Zymomonas mobilis* NCIM 2915. *International Journal of Current Microbiology and Applied Sciences*, 5(10): 571-582. (ISSN: 2319-7706). NAAS- IF-5.38. ICV-85.95.
7. Asha K., Selvakumar G. and **B. Thippeswamy. 2016.** Isolation and screening of cellulolytic and xylanolytic microbes from composts and related environments. *Ecology Environment and conservation*, 22(4): 301-306. (ISSN: 0971-765X). NAAS-IF-4.89.
8. Asha K., Selvakumar G. and **B. Thippeswamy. 2016.** Isolation and screening of pectinolytic fungi from compost sites and related environments. *Advances in Life Sciences*, 5(7): 2840-2843. (ISSN: 2278-3849). NAAS-IF-3.15.
9. Naveen Kumar K.J. and **Thippeswamy B.**, Krishnappa M. **2015.** Acid and enzyme hydrolysis to convert pretreated Areca Nut (*Areca catechu* L.) husk into glucose for bioethanol production by yeasts and *Zymomonas mobilis* NCIM 2915. *Research in Biotechnology*, 6(6): 17-30. (ISSN: 2229-791X). IF-1.25.
10. Nayanashree G., and **Thippeswamy, B. 2015.** Biodegradation of Natural Rubber by Laccase and Manganese peroxidase enzyme of *Bacillus subtilis*. *Environmental Processes*, 2(4): 761-772. (ISSN: 2198-7491), (Springer). IF- 0.575.
11. Sowmya, H.V., Ramalingappa., Nayanashree G., **Thippeswamy, B.** and Krishnappa, M. **2015.** Polyethylene Degradation by Fungal Consortium. *International Journal of Environmental research*. 9(3): 823-830. (ISSN: 1735-6865). (Springer), IF: 1.818.
12. **B. Thippeswamy.**, Ramalingappa., C. Maya and H.C. Lakshman. **2015.** Synergistic effect between phosphate solubilizing bacteria and Arbuscular Mycorrhizal Fungus on growth and P uptake of *Vicia faba* L. (Broad Bean). *An International Journal of Agricultural & Biological Research*, 31(2) : 114-121. (ISSN: 0970-1907).
13. Vijaya Kumar M.L., **B. Thippeswamy.**, I.L, Kuppust., K.J. Naveen Kumar and C.K.Shivakumar. **2015.** Evaluation of *Bacillus cereus* and *Bacillus pumilus* metabolites for anthelmintic activity. *Pharmacognosy Research*. 07(1): 81-84. (ISSN: 0976-4836). IF-1.201.

14. Gopalkrishnan C., Rashmi B. Artal and **Thippeswamy B.** 2014. *In vitro* evaluation of botanicals against *Ralstonia solanacearum* E.F.Smith (Yabbuchi *et al.*, 1995). *Pest Management in Horticultural Ecosystems*, **20**(01): 69-74. (ISSN: 0971-6831). IF:0.016, NAAS: IF.4.49.
15. Shivakumar C.K., **B.Thippeswamy** and M.Krishnappa. 2014. Study on heavy metals biosorption ability of *Aspergillus flavus*. *International Journal of Advanced Life Sciences*. **7**(3): 384-397. (ISSN: 2277-758X).
16. Thirumalesh B. V., **B.Thippeswamy** and M. Krishnappa. 2014. Antibacterial activity of *Xylaria* species *In Vitro* against *Xanthomonas campestris* pv. *mangiferaeindicae* isolated from bacterial black spot of Mango fruit. *International Journal of Life Sciences Biotechnology and Pharma Research*. **3**(2) :125-130. (ISSN: 2250-3137). IF-0.408.
17. Nayanashree G., **Thippeswamy B** and Krishnappa M. 2014. Enzymatic studies on Natural Rubber Degradation by *Streptomyces* sp. *International Journal of Biological Sciences and Technology*, **6**(5): 26-30. (ISSN: 0975-8704).
18. Sowmya, H.V., Ramalingappa., M. Krishnappa and **B. Thippeswamy**, 2014. Degradation of polyethylene by *Penicillium simplicissimum* isolated from local dumpsite of Shivamogga district. *Environment, Development and Sustainability*.17:731-745. (ISSN: 1387-585X) (Springer).
19. Hemavani C. and **Thippeswamy B.** 2014. Arbuscular mycorrhizal fungi associated with *Amaranthus dubius* Mart ex Thell and *Gomphrena globosa* L. *Bangladesh Journal of Scientific and Industrial Research*. **49**(1): 59-62. (ISSN: 0304-9809).
20. Vijaya Kumar M.L., **B. Thippeswamy** and P. Vasanth Raj. 2014. Cytotoxicity and Anticancer studies of *Bacillus cereus* and *Bacillus pumilus* Metabolites Targeting Human Cancer Cells. *Applied Biochemistry and Microbiology*, **50**(6):619–623. (ISSN: 0003-6838) (Springer). IF: 0.735.
21. Shivakumar C.K., **Thippeswamy. B** and Krishnappa. M. 2014. Study on heavy metals biosorption ability of *Saccharomyces cerevisiae*. *International Journal of Biological Research*. **2**(2): 106-115. (ISSN: 2307-9029).
22. Naveenkumar K.J. and **Thippeswamy B.**, Krishnappa M. 2014. Acid Pretreatment and Enzymatic Hydrolysis of Areca Nut (*Areca catechu* L.) Husk for Ethanol Production. *Inventi Rapid: Pharm Biotech & Microbiol.*, 3:1-10. (ISSN: 2278-4098).
23. Sowmya H.V., Ramalingappa., M. Krishnappa and **B. Thippeswamy**, 2014. Degradation of polyethylene by *Trichoderma harzianum*– SEM, FTIR and NMR analyses. *Environment Monitoring Assessment*.186:6577-6586. (ISSN: 0167-6369) (Springer). IF-1.679.

24. Nayanashree G. and **B. Thippeswamy**. 2014. Natural rubber degradation by Laccase and manganese peroxidase enzymes of *Penicillium chrysogenum*. *International Journal of Environmental Science and Technology*.12(08): 2665-2672. (ISSN: (P) 1735-1472, (E) 1735-2630, (Springer). IF-2.190.
25. Banakar, S.P. and **Thippeswamy, B.** 2014. Isolation and partial purification of fungal lignolytic enzymes from the forest soil fungi isolated from Bhadra Wildlife Sanctuary. *Frontiers in biology*. 9(4): 291-299.(ISSN: (P) -1674-7984, ISSN: (E)-1674-7992. (Springer).
26. Nayanashree G., **Thippeswamy B.** and Krishnappa M. 2014. Enzymatic studies on Natural rubber biodegradation by *Bacillus pumilus*. *International Journal of Biological Research*. 2(2) : 44-47. (ISSN: 2307-9029).
27. Sowmya, H.V., Ramalingappa., Krishnappa, M. and **Thippeswamy, B.** 2014. Low density polyethylene degrading fungi isolated from local dumpsite of Shivamogga district. *International Journal of Biological Research*. 2(2) : 39-43. (ISSN: 2307-9029).
28. Shivakumar C.K., **Thippeswamy. B.** and Krishnappa. M. 2014. Study on heavy metals Toxicity biomarkers in *Aspergillus niger*. *International Journal of Advances in Pharmacy, Biology and Chemistry*. 3(2) :458-464. (ISSN: 2277-4688). IF-5.548.
29. Sowmya, H.V., Ramalingappa., Krishnappa, M. and **Thippeswamy, B.** 2014. Biodegradation of Polyethylene by *Bacillus cereus*. *Advances in Polymer Science and Technology: An International Journal*, 4(2): 28-32. (ISSN: 2277-7164).
30. Shivakumar C.K., **Thippeswamy. B.** and Krishnappa. M. 2014. Studies on Heavy metals Detoxification Biomarkers in Fungal Consortia. *Caribbean Journal of Science and Technology*. 02: 496-502. (ISSN: 0799-3757).
31. Shivakumar C.K.,**Thippeswamy. B.** Tejaswikumar M.V. and Prashantha Kumara S.M. 2014. Bioaccumulation of Heavy Metals and its Effect on Organs of Edible Fishes Located in Bhadra River, Karnataka. *International Journal of Research in Fisheries and Aquaculture*. 4(2): 90-98. (ISSN: 2277-7729).
32. Shivakumar C.K., **Thippeswamy. B.** and Krishnappa. M. 2014. Optimization of Heavy Metals Bioaccumulation in *Aspergillus niger* and *Aspergillus flavus*. *International Journal of Environmental Biology*, 4(2): 188-195. (ISSN: 2277-386X).
33. Nayanashree G., **Thippeswamy B.** and Krishnappa M. 2014. Natural Rubber Biodegradation by *Cladosporium fulvum* and Enzymes responsible for Biodegradation. *International Journal of Advanced Research*. 2(4): 1206-1212. (ISSN: 2320-5407). IF-6.118, ICV: 56.43.
34. Banakar, S.P. and **Thippeswamy, B.** 2014. Isolation, production and partial purification of fungal extracellular pectinolytic enzymes from the forest soils of Bhadra Wildlife

Sanctuary, Western Ghats of Southern India. *Journal of Biochemical Technology*. **3(5):s138-s143. (ISSN: 0974-2328).**

35. Hemavani, C and **B. Thippeswamy**. **2014**. Effect of Arbuscular Mycorrhizal Fungus *Acaulospora lacunose* on growth of Ground nut disease caused by *Cercospora arachidicola*. *IMPACT: International Journal of Research in Applied Natural Social Sciences*. **4(2):57-60. (ISSN(E):2321-8851;ISSN(P):2347-4580). IF-3.6754, ICV-59.96.**
36. Naveenkumar K.J. and **Thippeswamy B.**, Krishnappa M. **2014**. Production and partial purification of fungal Pectinases from areca nut (*Areca catechu* L.) husk waste under submerged fermentation. *International Journal of Advanced Biotechnology and Research*. **5(2):188-201 (ISSN: 0976-2612). IF: 2.41, ICV- 69.46.**
37. Nayanashree G., **Thippeswamy B.** and Krishnappa M. **2014**. Study on Biodegradation of Natural rubber by *Aspergillus candidus* and enzymes responsible for degradation. *International Journal of Research in Environmental Science and Technology*. **4(2):25-29. (ISSN:2249-9695).**
38. Nayanashree G., **Thippeswamy B.** and Krishnappa M. **2014**. Study on Natural Rubber Degradation by *Trichoderma harzianum* and enzymes involved in its degradation. *Journal of Bioprocess Technology*. Photon 100 (2014): 444-452. **(ISJN: 6383-4392). Impact Index: 5.94.**
39. VijayaKumar, M.L., **Thippeswamy B.**, Kuppust, J. and Virupaksha J. H. **2014**. Evaluation of analgesic activities of *Bacillus cereus* and *Bacillus pumilus* metabolites. *International Journal of Chemistry Science*. **12(1) : 272-280. (ISSN 0972-768X). IF-0.93.**
40. VijayaKumar M. L., **Thippeswamy B.** and Kuppust J. **2014**. Evaluation of *Bacillus cereus* and *Bacillus pumilus* metabolites for CNS depressant and anticonvulsant activities. *International Journal of Pharmacy and Pharmaceutical Sciences*,**06(02): 510-514. (ISSN- 0975-1491). IF- 0.55, ICV-5.00.**
41. Sowmya H.V., Ramalingappa., Krishnappa M and **Thippeswamy B.**, **2014**. Degradation of polyethylene subjected to different treatment by *Pseudomonas aeruginosa*. *Journal of Bioprocess Technology*. Photon 100 (2014) 433-443. **(ISJN: 6383-4392). (Impact Index: 5.94), (Received Thomas Edison Award-2014).**
42. Thirumalesh, B.V. and **Thippeswamy B.** and Krishnappa. M. **2014**. *In vitro* activity of three plant extracts and antibiotics on casual agent of bacterial canker of mango. *International Journal of Agriculture*. Photon 125(2014) :290-295. **(ISJN: 7758-2463). Impact Index: 4.12.**
43. Naveenkumar K.J. and **Thippeswamy B.** **2014**. Effect of enzymatic pretreatment of areca nut (*Areca catechu* L.) husk for fuel ethanol production by yeasts and *Zymomonas*

mobilis. *The Journal of Energy and Environmental Science*. 128: 405-417. (ISJN: 4382-1729). Impact Index: 5.68.

44. Vijaya Kumar M.L., **Thippeswamy B.**, Manjunath J.R. **2013**. Evaluation of Antioxidant activities of *Bacillus cereus* and *Bacillus pumilus* metabolites. *International Journal of Pharmaceutical Research and Bio-Science*. **2** (6): 233-246. (ISSN: 2277-8713). IF-0.525. ICV-67.73.
45. Nayanashree G. and **Thippeswamy B.** **2013**. Natural rubber degradation by *Aspergillus flavus* and *Trichoderma* sp. *Kuvempu University Science Journal*. **6**: 76-84. (ISSN: 2277-9523).
46. Nayanashree G. and **Thippeswamy B.** **2013**. Natural rubber degradation by *Aspergillus niger* and *Penicillium* sp. *International Journal of Recent Scientific Research*, **4**(9): 1337-1341. (ISSN:0976-3031). IF- 6.86, ICV- 5.72.
47. Thirumalesh, B.V. and **Thippeswamy B.** **2013**. Bacterial Black spot of Mango caused by *Xanthomonas campestris* pv. *mangiferaeindicae* in Mysore district, Karnataka. *Kuvempu University Science Journal*. **6**: 76-84. (ISSN: 2277-9523).
48. Naveen Kumar K.J. and **Thippeswamy B.** **2013**. Isolation and screening of potential cellulolytic fungi from Areca nut husk waste. *International Journal of Current Science*. **8**: E 125-132. (ISSN: 2250-1770). IF-4.109, ICV: 5.08.
49. Hemavani C. and **Thippeswamy B.** **2013**. Arbuscular Mycorrhizal Fungi Associated With Some Plants of Asteraceae in Bhadra Wildlife Sanctuary, *International Journal of Plant, Animal and Environmental Sciences*, **3**(2): 106-110. (ISSN: 2231-4490). IF-1.0280.
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51. Vijaya Kumar M L., **Thippeswamy B.**, Shivakumar C.K. **2013**. Evaluation of Antimicrobial Activity of *Bacillus cereus* and *Bacillus pumillus* Metabolites against Human Pathogens. *International Journal of Current Pharmaceutical Review and Research*. **04**(02): 47-60. (ISSN: 0976-822X). IF-2.112.
52. Hemavani C. and **Thippeswamy B.** **2013**. Association of arbuscular mycorrhizal fungi in herbaceous plants of Bhadra Wildlife Sanctuary. *International Journal of Research in Botany*, **3**(1): 10-12. (ISSN: 2319-7854).
53. Nayanashree. G. and **Thippeswamy B.** **2013**. Natural rubber degradation by *Verticillium* sp. and *Chaetomium* sp. *International Journal of Current Research*, **05**(02): 007-012. (ISSN: 0975-833X). IF-7.086.
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Management in Horticultural Ecosystems, **18**(01): 70-73. (ISSN: **0971-6831**). **IF-0.016**, **NAAS: 4.49**.

55. Shivakumar P.Banakar., **B. Thippeswamy.**, B.V. Thirumalesh and K.J Naveenkumar. **2012**. Diversity of soil fungi in dry deciduous forest of Bhadra Wildlife Sanctuary, Western Ghats of Southern India. *Journal of Forestry Research*, **23**(4): 631-640. (ISSN-**1007-662X (P)**, ISSN: **1993-0607 (O)**) (**Springer**). **IF-0.774**.
56. **Thippeswamy B.**, Shivakumar.,C.K and Krishnappa. M. **2012**. Bioaccumulation potency of *Aspergillus niger* and *Aspergillus flavus* for removal of heavy metals from paper mill effluent. *Journal of Environmental Biology*, **33**: 1063-1068. (ISSN: **0254-8704**). **IF-0.697**, **NAAS-6.53**.
57. Naveenkumar K.J., **Thippeswamy B.**, Shivakumar P.Banakar., Thirumalesh B.V. and Krishnappa M. **2012**. Effectiveness of fungal pretreatment of areca nut (*Areca catechu* L.) Husk waste on bioethanol production by yeasts and *Zymomonas mobilis*. *International Journal of Recent Scientific Research*, **03**(05): 400-406. (ISSN:**0976-3031**). **IF-6.86**, **ICV- 5.72**.
58. Thirumalesh B.V. **Thippeswamy B.**, Naveen Kumar K.J. and Shivakumar P.Banakar. **2012**. *In Vitro* comparative study of six commercial formulates on bacterial Black spot of Mango in Kolar and Chitradurga District, Karnataka. *IOSR Journal of Pharmacy and Biological Sciences* (IOSRJPBS). **01**(02): 10-14. (ISSN: **2278-3008**). **IF- 1.519**.
59. Thirumalesh B.V. **Thippeswamy B.** and Krishnappa M. **2012**. *In Vitro* efficacy of eight plant extracts on *Xanthomonas campestris* pv. *mangiferaeindicae*. Affecting bacterial Black spot of Mango. *Journal of Crop Science*. **03**(02): 78-90. (ISSN: **0976-8920 & E-ISSN: 0976-8939**). **ICV-6.84**.
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61. **Thippeswamy B.** and Krishnappa. M. **2012**. Location and Transmission of *Colletotrichum capsici* and *Alternaria solani* in chilli. *Journal of Plant Disease Sciences*. **7**(02).143-146. (ISSN: **0973-7456**). **IF-0.051**, **NAAS-4.20**.
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65. **Thippeswamy B.**, Naveen Kumar K.J., Guruprasad Bodharthi J. and Shivaprasad S.R. **2012**. Antimicrobial activity of ethanolic extract of *Usnea longissima*. *Journal of Experimental Sciences*, **2**(12): 01-03. (ISSN: **2218-1768**).
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74. Shivakumar C.K. and **Thippeswamy B.** 2011. Removal of ecotoxic heavy metals (Cu,Cd,Cr,Ni,Pb&Zn) in aqueous medium using fungi from industrial effluent; A comparative study. *Indian Journal of Aerobiology*. **24**(1): 28-38. (ISSN: 0971-1546).
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78. Naveen Kumar K.J, **Thippeswamy B**, Thirumalesh B.V., Pradeep K, and Venkatesh. 2011. Comparative study of Fungal Diversity in the Agricultural soil and Non-agricultural soil in Bhadravathi taluk, Shimoga district, Karnataka, *Journal of Research in Biology*, **2**: 129-134. (ISSN:2231- 6299). ICV: 5.09.
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80. **B. Thippeswamy**, Sowmya.H.V. and M. Krishnappa. 2011. Seed borne fungi of vegetable crops in Karnataka. *Journal Plant Disease Science*. **6**(1): 5-10. (ISSN: 0973-7456).
81. **B. Thippeswamy**, H.V.Sowmya., Ramalingappa and M. Krishnappa. 2011. Location and Transmission of *Macrophomina phaseolina*, *Alternaria alternata* in Okra. *International Journal of Plant Protection*, **4**(1): 23-26. (ISSN: 0976-6855).
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83. **B. Thippeswamy.**, Sowmya, H.V. and M. Krishnappa. 2010. Pathogenicity and Management of Early blight and Wilt in Tomato caused by *Alternaria solani* and *Fusarium oxysporum*. *Asian Journal of Microbiology, Biotechnology and Environmental Sciences.*,**12**(4): 739-744. (ISSN: 0972-3005).

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85. **B. Thippeswamy.**, M. Krishnappa, C.N.Chakravarthy., A.M. Sathisha., Jyothi S.U. and K. Vasantha Kumar. **2007**. Pathogenicity and Management of Brown lesion and Leaf spot in Okra caused by *Macrophomina phaseolina* and *Alternaria alternata*. *Journal of Plant Disease Science*. **2**(1) : 43-47. (ISSN: **0973-7456**).
86. **B. Thippeswamy.**, M. Krishnappa., C.N.Chakravarthy., A.M. Sathisha, Jyothi S.U. and K. Vasantha Kumar. **2006**. Pathogenicity and Management of Phomopsis blight and Leaf spot in Brinjal caused by *Phomopsis vexans* and *Alternaria solani*. *Indian Phytopathology*. **59**(4) : 475-481. (ISSN: **0367-973X**).
87. **B. Thippeswamy.**, M. Krishnappa., C.N.Chakravarthy., A.M. Sathisha., Jyothi S.U. and K. Vasantha Kumar. **2006**. Pathogenicity and Management of Anthracnose and Leaf spot in Chilli. *International Journal of Plant Sciences*, **02**(1):39-43. (ISSN: **0976-593X**).
88. **B. Thippeswamy.**, C.N.Chakravarthy and M. Krishnappa. **2006**. Location and Transmission of *Alternaria solani*, *Fusarium oxysporum* in tomato. *Asian Journal of Microbiology, Biotechnology and Environmental Sciences*. **8**(1) : 45-48. (ISSN: **0972-3005**).
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90. C.N.Chakravarthy., M. Krishnappa and **B. Thippeswamy**. **2005**. Isolation and characterization of *Xanthomonas axonopodis* pv. *cyamopsidis* in cluster bean (*Cyamopsis tetragonoloba* (L.) Taub.). *Asian Journal of Microbiology, Biotechnology and Environmental Sciences.*,**7**(2) : 197-200. (ISSN: **0972-3005**).
91. C.N. Chakravarthy., M. Krishnappa and **B. Thippeswamy**. **2005**. Reaction of cluster bean germplasms against *Sclerotium rolfsii* causing root rot. *Journal of Mycology and Plant Pathology*, **35**(1) :63-66. (ISSN: **0975-4180**).
92. Chakravarthy, C.N., Krishnappa, M. and **Thippeswamy, B.** **2004**. Investigation on Bacterial blight (*Xanthomonas axonopodis* pv. *cyamopsidis*) on Cluster bean (*Cyamopsis tetragonoloba* (L)Taub.), *Indian Journal of Plant Pathology*, **22**(1&2) : 68-74. (ISSN: **0970-342X**).
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94. C.N. Chakravarthy., **B. Thippeswamy** and M. Krishnappa. **2002**. Seed mycoflora of pigeon pea in Karnataka. *Plant Disease Research*, **17**(1) :135-137. (ISSN:**0970-4914**).

Book Chapters Published:

1. **B. Thippeswamy** and Shivakumar P Banakar. **2013**. Isolation and characterization of soil fungi in dry deciduous forest of Bhadra Wildlife Sanctuary, Karnataka. 'Perspectives in Plant Biodiversity'. Edited by Dr.K.Muthuchelian, Vice Chancellor, Periyar University, Salem-636 011, Published by Daya Publishing House, A Division of Astral International Pvt. Ltd., New Delhi- 110 002. (ISBN: 978-81-7035-826-8).
2. **B. Thippeswamy** and H.C.Lakshman. **2012**. Importance of AM fungi in improvement of forest nursery seedlings. 'Glimpses of Arbuscular Mycorrhiza Fungal Research'. Edited by Braghis Ghenadie, Acquisition Editor. LAP LAMBERT Academic Publishing GmbH & Co. KG. Heinrich-Böcking-Str. 6-8. 66121, Saarbrücken, **Germany**. (ISBN:978-3-8484-2395-8).
3. **B. Thippeswamy** and Shivakumar C.K. **2012**. Bioaccumulation potency of Toxic heavy metals using *Aspergillus niger* and *Aspergillus flavus*. 'Biodiversity and Biotechnology for Sustainable Development'. Edited by H.C.Lakshman and G.R.Hegde. Dept. of Botany, Karnatak University, Dharwad-580 003. (ISBN: 978-81-921165-0-1).
4. **B. Thippeswamy** and Shivakumar P Banakar. **2011**. Fungal Biodiversity and their metabolites. 'Biodiversity Conservation'. Edited by B.B. Hosetti and A.K.Chakravarthy. Aavishkar Publishers, Distributors. Jaipur-302 003 (Rajasthan), India. (ISBN: 978-81-7910-360-9).

Research Paper published in the Proceedings of the Conferences/ Symposium:

1. Gopalkrishnan C., Rashmi B. Artal and **Thippeswamy B.** **2014**. Bio-efficacy of *Pseudomonas fluorescens* and *Bacillus subtilis* against bacterial wilt of tomato caused by *Ralstonia solanacearum* E.F.Smith (Yabbuchi *et al.*, 1995). In: Proceedings of the International Conference on Crop productivity and Sustainability shaping the Future. March 20-21, 2014, Baba Farid College, Bathinda, Punjab. : 67-70.
2. Krishnappa, M., Chakravarthy, C.N. and **Thippeswamy, B.** **2005**. Seed Mycoflora of Pigeon Pea and their Management. Proceedings In Emerging Trends in Mycology, Plant Pathology and Microbial Bio-technology [ed. by Bagyanarayan, Bhadraiah and Kumar] B S Publications, Hyderabad, India, :239-246.
3. Krishnappa, M., Chakravarthy, C.N. and **Thippeswamy, B.** **2005**. Evaluation of Cluster Bean Germplasm for *Xanthomaons axonopodis* pv.*cyamopsidis*. Proceedings In: Emerging Trends in Mycology, Plant Pathology and Microbial Bio-technology [ed. by Bagyanarayan, Bhadraiah and Kumar] B S Publications, Hyderabad, India : 509-518.

RESEARCH ABSTRACTS PUBLISHED :

1. **B. Thippeswamy** and C.N. Chakravarthy. **2005**. Transmission and Pathogenicity of *Phomopsis vexans*, *Alternaria solani* in brinjal. *Indian Phytopathology*. **58**(3) : 388.
2. C.N. Chakravarthy., M. Krishnappa and **B. Thippeswamy**. **2005**. Screening of Cluster bean germplasm for Bacterial blight, *Alternaria* leaf spot and powdery mildew. *Indian Phytopathology*, **58**(3) : 387.
3. **B. Thippeswamy**., M. Krishnappa and C.N. Chakravarthy. **2004**. Occurrence and transmission of seed borne pathogens of vegetable crops in Karnataka. *Indian Phytopathology*, **57**(3) : 379.
4. **B. Thippeswamy**, M. Krishnappa and C.N. Chakravarthy. **2004**. Transmission and Pathogenicity of *Colletotrichum capsici*, *Alternaria solani* in Chilli. *Journal of Mycology and Plant Pathology*, **34**(3) : 991.
5. C.N. Chakravarthy, M. Krishnappa and **B. Thippeswamy**. **2004**. Detection and transmission of *Xanthomonas axonopodis* pv. *cyamopsidis* in cluster bean (*Cyamopsis tetragonoloba* (L.) Taub.) seeds. *Indian Phytopathology*, **57**(3) : 379.
6. M. Krishnappa., C.N. Chakravarthy and **B. Thippeswamy**. **2004**. A Bacterial blight (*Xanthomonas axonopodis* pv. *cyamopsidis*) of Guar (*Cyamopsis tetragonoloba* (L.) Taub.) in Karnataka. *Journal of Mycology and Plant Pathology*, **34**(3) : 970.
7. C.N. Chakravarthy, M. Krishnappa and **B. Thippeswamy**. **2004**. *Sclerotium rolfsii* A New threat to guar crop in Karnataka. *Journal of Mycology and Plant Pathology*, **34**(3) : 971.

ORIENTATION/ REFRESHER COURSE/SHORT TERM COURSE PARTICIPATED :

1. Participated in the UGC-HRDC and Regional centres for capacity building (RCCB) sponsored **Short Term Course** on “e-Learning and ICT for Teaching & Learning” conducted by Jawaharlal Nehru Technological University Hyderabad (JNTUH). Hyderabad, Telangana, From 30th July, 2018 to 04th July, **2018**.
2. Participated in the “**Field Techniques and Scientific Approach in Wild life studies**” held at Dept. of Wildlife and Management, Kuvempu University during 13th and 18th March **2018**.
3. Participated in the UGC-HRDC sponsored **Short Term Course** on “Communication Skills and Computer Applications” conducted by UGC-Academic Staff College, Bangalore University, Bengaluru. From 27th February, 2017 to 04th March, **2017**.
4. Participated in the UGC sponsored **Orientation Programme** conducted by UGC Academic Staff College, Bangalore University, Bengaluru. From 3rd August, 2009 to 31st August, **2009** with ‘A’ Grade.
5. Participated in the UGC sponsored **Third Refresher Course** in the Dept. of Water Management and Water harvesting, Kuvempu University, on the theme “**Recent**

Advances in Conservation, Recycling & Management of Water Resources” from 26th November 2007 to 16th December, 2007 with ‘A’ Grade.

6. Training Programme on “**Taxonomy capacity building for Fungi (Ascomycetes and Hyphomycetes)**”, held at Goa University, Goa, from 26th to 29th September – 2007.
7. Training Programme on “**Biodiversity and Taxonomy of AM fungi**”, held at Dept. of Botany, Osmania University, Hyderabad, Andhra Pradesh, during 18th to 21st December –2001.

WORKSHOP PARTICIPATED:

1. Participated in “**Online Affiliation Process**” organised by College Developmental Council (CDC) in association with UCCF held on 15th November 2017 at Kuvempu University.
2. Participated in “**Higher Education Conclave-2016**” organized by Department of Commerce, Kuvempu University, from March 30-31st 2016.
3. Participated in Colloquium on “**Advances in materials Science; The global scenario**” organised by Karnataka State Higher Education Council, Palace road, Bangalore-560001 on 08th March 2012.
4. Participated in “**Environmental Awareness and Plantation Programme**” during World Environmental Day-2011 at Kuvempu University Campus held on 14th June 2011.
5. Participated in One day workshop on “**Time Management**” held at Internal Quality Assurance Cell, Jnanasahyadri, Kuvempu University, on 4th November-2010.
6. Participated in UGC sponsored two days training programme on “**Computer Concepts, Operating System and Internet**” conducted by Instrumentation Maintenance Facility (IMF) Centre, Kuvempu University, Shankaraghatta, from 3rd to 4th December-2009.

Delivered Special Lecture and Appreciation :

1. **Chaired and Paper Presented** “Effect of acid and enzymatic pretreatment of areca nut (*Areca catechu* L.) husk for ethanol production by yeast and bacteria” at Two days Inter National Conference on Interdisciplinary Approach in Science and Technology (ICIAST) organized by Association for Inter-disciplinary Research in Science and Technology at **Pattaya, Thailand** during 19th and 20th May-2017.
2. **Appreciation** for “Raman Fellowship-2016” and “Dedicated and hardworking faculty” by Kuvempu University Post Graduate Teachers Association (R), Jnanasahyadri, Shankaraghatta-577451, Shivamogga Dist., Karnataka.

3. **Chaired and Paper Presented** “Recent trends in Microbiology” at Two days National Seminar on “Frontiers Research in Diversity and Taxonomy of Medicinal Plants” organized by the Biological Science Departments, Kuvempu University, Shankaraghatta on 4th and 5th November **2016**.
4. **Paper Presented** “Antimicrobial, antioxidant and anticancer studies of *Bacillus cereus* and *Bacillus pumilus* metabolites isolated from soil samples of Malnad region of Shimoga, Karnataka, India”. at Phytobiomes 2015, Designing a New Paradigm for Crop Improvement. During June 30-July 2, **2015, Washington, DC, USA**.
5. **Chaired and Presented Plenary Lecture** in the National Conference on “Recent Trends and Future Prospectus of Microbiology and Biotechnology” held from 3rd and 4th March, **2014** at the Department of Biosciences, Shri Jagadishprasad Jhabarmal Tibrewala University, Vidyanagari, Chudela, Jhunjhunu-333001, Rajasthan, India.
6. **Chaired and Presented** “Advances in Microbiology” at Two days National Seminar on “Water Environment and Economic Development” organized by Dept. of Environmental Science and Economics in collaboration with Karnataka State Pollution Control Board, Regional Office, Davangere on 15th -16th February **2013**.
7. **Presented Special Lecture** on “**Role of Microbes in Environment and their Effect**” organized by Prasaranga, Kuvempu University held at Sahyadri Science College (Autonomous), Shivamogga. on **06-02-2012**.

Participated and Presented Research Papers in National & International Conferences :

1. **Thippeswamy B.** "Optimization and cultural conditions for production of secondary metabolites by *Claviceps purpurea*". **Paper Presented** at National Conference on "Current Microbial Challenges in the Environment (CMCE-2018)". organised by Dept. of Microbiology, Kuvempu University during 09th and 10th March- **2018**.
2. Participated in 10th Annual Conference of Karnataka Science and Technology Academy 2018 jointly organised by Karnataka Science and Technology Academy and Reva University held during 18-19 January 2018.
3. **Thippeswamy B.** "Natural rubber by *Rhizopus* sp. isolated from soil and enzymes responsible for biodegradation". **Paper Presented** at International Conference on Advances in disease management for human welfare. organised by Gulbarga University during November 21st to 23rd -**2017**.
4. **B. Thippeswamy**, “Antimicrobial, antioxidant and anticancer studies of *Bacillus cereus* and *Bacillus pumilus* metabolites isolated from soil samples of Malnad region of Shimoga, Karnataka, India”. **Paper presented** at Phytobiomes 2015, Designing a New Paradigm for Crop Improvement. During June 30-July 2, **2015, Washington, DC, USA**.

5. Participated & **Paper Presented** in National Conference on “Biodiversity Conservation and Sustainable management (BCSM-2014)” organized by Dept. of Applied Zoology, Kuvempu University, Jnanasahyadri, Shankaraghatta, Shivamogga, from March 25th-26th -2014.
6. Participated & **Paper Presented** in National Conference on “New Frontiers in Animal Science” organized by Dept. of Applied Zoology, Kuvempu University, Jnanasahyadri, Shankaraghatta, Shivamogga, from April 09th-10th -2012.
7. Participated in 4th Conference on “Science and Technology New Revolutions: Opportunists and Challenges” organized by Karnataka Science and Technology Academy in collaboration with Mangalore University, Mangalore during 28 & 29 January-2012.
8. Participated in International Conference on “Climate change, forest resource and environment” (ICCFRE-2011) organized by the Department of Environmental Sciences, University of Kerala, Thiruvananthapuram in collaboration with National Environmentalists Association, Ranchi during 09-11, December-2011.
9. **B. Thippeswamy** and Hemavani, C. “Arbuscular mycorrhizal fungi associated with some plants of Asteraceae in Bhadra wildlife sanctuary”. **Paper presented** at National Conference on Global climate change: perspectives and challenges(NCGCC-2011), organized by Dept. of Environmental Science, Kuvempu University, Shankaraghatta, Shivamogga, Karnataka, India during 23rd to 24th March-2011.
10. **B. Thippeswamy** and Shivakumar, C.K. “Bioremediation of eco-toxic heavy metals using *Aspergillus niger* and *Aspergillus flavus*” **Paper presented** at National Conference on Biodiversity and Biotechnology for sustainable development, organized by Dept. of Botany, Karnataka University, Dharwad, Karnataka, India. and UGC-SAP-DRS-III during 21st to 22nd March-2011.
11. **B. Thippeswamy** and Shivakumar, C.K. “Removal of ecotoxic heavy metals in aqueous medium using indigenous fungi of the industrial effluent: A comparative study” **Paper presented** at 16th National Conference on Aerobiology & National Symposium on “Applications of Biotechnology in Environment Management & medicine” held at Bapuji Institute of Engineering and Technology, Davangere, Karnataka during 19th-21st November-2010.
12. **B. Thippeswamy** and Shivakumar, C.K. “Tolerance and Bioaccumulation potential of heavy metals by fungal isolates of Industrial effluents” **Paper presented** at “International conference on Environmental pollution, water conservation and health” held at Dept. of Zoology, Bangalore University, Bangalore. During 29 -31st July-2010.
13. **B. Thippeswamy**, Sowmya, H.V. and M. Krishnappa. “Transmission and Pathogenicity of *Macrophomina phaseolina*, *Alternaria alternata* in Okra”. **Paper Presented** at XXXII all India Botanical Conference and International Symposium on “Diversity of plants and Microbes; Present Scenario” held at Dept. of P.G. Studies and Research in Applied Botany, Kuvempu University, Shankaraghatta during 28th -30th December-2009.
14. **B. Thippeswamy**, Vidhyadhare, Chaitra, S.P. and Asfia. “Antifungal activity of crude extracts of some medicinal plants”. **Paper presented** @ 24th National conference of ISCAP on “Biotechnological strategies for biodiversity conservation” held at Dept. of

Applied Zoology & Microbiology, Kuvempu University, Shankaraghatta, Karnataka, during 13th to 15th March- **2008**.

15. Participated in 2nd Asian congress of Mycology and Plant Pathology (ACMPP) on “Microbial diversity for Asian Prosperity” organized by Indian Society of Mycology and Plant Pathology, Osmania University, Hyderabad, India. During 19th to 22nd December- **2007**
16. **Thippeswamy, B.**, Krishnappa, M. and Chakravarthy, C.N. “Transmission and Pathogenicity of *Colletotrichum capsici*, *Alternaria solani* in Chilli”. **Paper presented @ 26th Annual Conference and Symposium of Indian Society of Mycology and Plant Pathology on “Advances in Fungal Diversity and Host - Pathogen Interactions” Organized by UGC-SAP Dept. of Botany, Goa University, Goa, during 7th - 9th October- 2004.**

Participated and Presented Research Papers in Seminars & Symposium :

1. Participated in One day State Level Seminar on “Path to Entrepreneurship in Life Sciences” organized by Dept. of Microbiology, Kuvempu University, on 22nd February - **2017**.
2. Participated in One day State Level Seminar on “Environment and Health” organized by Dept. of Environmental Science, Kuvempu University on 22nd March -**2016**.
3. Participated in One day State Level Seminar on “Current Challenges of Microbes” organized by Dept. of Microbiology, Kuvempu University on 04th March -**2016**.
4. Participated in First Annual Symposium of Genetic Engineering @ North Carolina State University, SAS Auditorium, **Raleigh, NC, USA**, during April 28, **2015**.
5. Participated in National Symposium on “Conventional and Biotechnology Perspectives of Understanding the Behavior of Living Organisms and XXXVII Annual Meeting of the Ethological Society of India” organized by Dept. of Biotechnology and Microbiology, Karnataka University, Dharwad and Ethological Society of India, from November 15th - 16th -**2013**.
6. Participated in Two days national Seminar on “Progress in Biomedical Research and Its Impact on Human Health” organized by Dept. of P.G. Studies and Research in Biochemistry, Jnanasahyadri, Kuvempu University, Shankaraghatta- 577451, during 2nd and 3rd April- **2012**.
7. Participated in Two days national Seminar on “Role of Microbes: Past, Present & Future” organized by Dept. of P.G. Studies and Research in Microbiology, Jnanasahyadri, Kuvempu University, Shankaraghatta- 577451, during 28th and 29th March- **2012**.
8. Participated in Two days national Seminar on “Challenges in malaria and other infectious disease Research” organized by Dept. of P.G. Studies and Research in Biochemistry, Jnanasahyadri, Kuvempu University, Shankaraghatta- 577451, during 3rd and 4th May- **2011**.

9. Participated Two days national Seminar on “Present Scenario of Microbial Life” organized by Dept. of P.G. Studies and Research in Microbiology, Jnanasahyadri, Kuvempu University, Shankaraghatta- 577451, during 28th and 29th March- **2011**.
10. Participated one day National Seminar on “Wildlife Lovers Meet” organized by Westernghats Task Force in Karnataka, Bhadravathi Forest division and Dept. of Environmental Science, Kuvempu University, Shankaraghatta- 577451, Shivamogga on 10th July- **2010**.
11. Participated one day National Seminar on “Strategies for biodiversity conservation and Management” organized by Dept. of P.G. Studies and Research in Applied Zoology and Wildlife and Management, Kuvempu University, Shankaraghatta- 577451, Shivamogga on 06th May- **2010**.
12. Participated in one day National Seminar on “Recent Advances in Microbiology” organized by Dept. of P.G. Studies and Research in Microbiology, Sahyadri Science College (A), Kuvempu University, Shivamogga on 19th March- **2010**.
13. Participated in Two days national Seminar on “Impact of Microbes on Health” organized by Dept. of P.G. Studies and Research in Microbiology, Jnanasahyadri, Kuvempu University, Shankaraghatta- 577451, during 27th and 28th February- **2010**.
14. Participated in the DBT & UGC sponsored – Two days National Seminar on “Recent Advances and Challenges in Biochemistry and Biotechnology-2009” organized by Department of Studies and Research in Biochemistry, Jnanasahyadri, Kuvempu University, Shankaraghatta on 1st and 2nd April-**2009**.
15. **B. Thippeswamy.,** M. Krishnappa, A.M. Satisha and K. Vasanthakumar. “Studies on AM fungi in Bhadra Wild Life Sanctuary, Karnataka” **Paper presented@** in the 3rd Kannada Vijnana Sammelana, Karnataka Science Congress, held at Kuvempu University, Shankaraghatta, during 15th to 17th September - **2007**.
16. **B. Thippeswamy.,** M. Krishnappa, C.N. Chakravarthy and A.M. Satisha, “Detection Management of Pathogens in Vegetable Seeds”. **Paper presented @** National Seminar on ‘New Frontiers in Plant Pathology’, organized by Dept. of Applied Botany, Kuvempu University, Shankaraghatta, Shimoga and Indian Society of Mycology and Plant Pathology, Udaipur (South Zone), during 28 - 30th September- **2006**.
17. Participated in the UGC sponsored – National Seminar on Emerging Trends in Applied Botany, Seed Science and Technology organized at the Department of Studies in Applied Botany, Seed Pathology and Biotechnology, Manasagangotri, Mysore, during 4 - 6th November- **2004**.
18. **B. Thippeswamy.,** M. Krishnappa and C.N. Chakravarthy. Transmission and Pathogenicity of *Phomopsis vexans*, *Alternaria solani* in Brinjal. **Paper presented @** “Symposium on Biology, Biotechnology, Epidemiology and Management of Plant Diseases and IPS Annual Meeting (South Zone)” Organized by Dept. of P.G. Studies and Research in Botany, Gulbarga University, Gulbarga - 585106 and Indian Phytopathological Society, during 9 - 10th December-**2004**.

19. Participated in Seminar on “Cultivation, Uses and Chemical analysis of Medicinal and Aromatic plants growing in Malnad region” Organized by Dept. of Chemistry and Botany, Sahyadri Science College, Shimoga, during 18 - 19th December-**2004**.
20. Participated in UGC sponsored state level seminar on DNA: PAST, PRESENT and FUTURE held at D.V.S college of Arts and Science, Shimoga – 577201, Karnataka, during 11 - 12th September- **2004**.
21. Participated in one-day workshop on “Water-The elixir of Life” organized by Department of Water Management & Water Harvesting and Environmental Science in collaboration with Karnataka Rajya Vijnana Parishath, Bangalore on 31st July-**2004**.
22. **Thippeswamy, B.**, Chakravarthy, C.N. and Krishnappa, M. “Seed mycoflora of vegetable crops in Karnataka”. **Paper presented @** the National Seminar on “Emerging trends in plant sciences” held at Dept. of Botany, Annamalai University, Annamalai Nagar, Tamil Nadu, during 15 - 16th March- **2003**.
23. Participated in one day National Seminar on “Drinking water quality and safety management” held at Dept. of Environmental Science, Kuvempu University, Shimoga, Karnataka, on 31st March- **2003**.
24. Participated in ‘World Environment Day and Concrete’ held at Kuvempu University, Shimoga. Karnataka, on 3rd November-**2003**.
25. Participated in National Seminar on “Scenario of Research and Business Opportunities in Medicinal and Aromatic Plants in 21st Century” held at Dept. of Chemistry and Industrial Chemistry, Kuvempu University, Shankaraghatta, during 29 - 31st December-**2003**.
26. **Thippeswamy, B.**, Chakravarthy, C.N. and Krishnappa, M. Seed borne mycoflora of Chilli (*Capsicum annum* Linn.) in Karnataka. **Paper presented @** the National Seminar on “Seed Science and Technology in the new millennium: vistas and vision” held at Dept. of Applied Botany. Mysore University, Mysore, Karnataka, during 6th - 8th August-**2001**.
27. Participated in National Seminar on “Recent trends in plant diseases and management” held at Dept. of Applied Botany, Kuvempu University, Shimoga, Karnataka, during 16 - 17th March- **2001**.

Cultural Activities:

1. Participated in “**Sahyadri Sirigandha & Sahyadri Utsava**” of Kuvempu University organized by Kuvempu University (**since 2006 to till date**).
2. Participated in “**Sports and Cultural Festival-2018**” of Kuvempu University organized by Kuvempu University from 15th to 17th March-**2018**.
3. Participated as a ‘**Convener**’ in “**Inter College Cultural Activities-2012**” (Silver Jubilee Celebrations-2012) organized by Kuvempu University, Jnanasahyadri, Shankaraghatta-577451. during 13th April-**2012**.
4. Participated in “**Kuvempu University Silver Jubilee Science Exhibition-2012**” (Silver Jubilee Celebrations-2012) organized by Committee for Popularization of Science

Education, Kuvempu University, Jnanasahyadri, Shankaraghatta-577451. at the University Campus during 16th - 19th February-2012.

Member for Editorial Board in Journals:

1. **Editorial Member**-Journal of Applied Biology & Biotechnology (JABB).
2. **Associate Editor**- Journal of Environmental Research and Development (JERAD).

Reviewer for Science Journals:

1. Bioremediation Journal (Taylor & Francis)
2. British Journal of Applied Science & Technology
3. International Journal of Pharma and Biosciences
4. Industrial & Engineering Chemistry Research(ELSEVIER)
5. Separation Science and Technology(Taylor & Francis)
6. Journal of Environmental Research and Development
7. Journal of Environmental and Occupational Science
8. 3 Biotech (Springer).

MEMBER FOR PROFESSIONAL BODIES:

1. Life Member of Indian Science Congress Association (ISCA)
2. Life Member of International Society of Biotechnology (ISBT)
3. Life Member of Association of Microbiologists of India (AMI)
4. Life Member of Mycological Society of India (MSI).
5. Indian Society of Mycology and Plant Pathology, Udaipur.
6. Indian Phytopathological Society, IARI, New Delhi.
7. Global Science Publications, Aligarh, India.
8. International Journal of Plant Protection, Muzaffarnagar-251 001
9. Journal of Plant Disease Sciences, Akola- 444 104.

I hereby declare that all the statements made above are true, complete and correct to the best of my knowledge.

Date:

-Sd-

Place:

(DR. B. THIPPESWAMY)