

Faculty Profile - VTU FACULTY ID: 4GMBT0005423

Dr. H. GURUMURTHY

Professor & Head

Department of Biotechnology

G M Institute of Technology

Davangere: 577006



Vision

To achieve excellence in both academic and placement.

Educational Qualifications

1	PhD
2	PG.Diploma I Bioinformatics
3	M.Sc
4	B.Sc

Professional Details

Total experience: 13years (Teaching:13)

DEPARTMENT OF BIOTECHNOLOGY & RESEARCH CENTRE G.M.INSTITUTE OF TECHNOLOGY	13

Academic / Research Publications

1	H. S. Ravikumar Patil, Makari H. K. Gurumurthy H. Mukunda S, Prasheeth Kekuda, Chetan D M, Anilkumar H S. Effect of Cow Urine on fungal Spore Germination. <i>Biotechnology:An Indian Journal (TSI)</i> . V 1 (3). 130-134. 2007.ISSN(0974-7435) Impact factor :0.03	National Journal
2	H. S. Ravikumar Patil, Makari H. K. Gurumurthy H , H.L.Raghavendra,D.M.Chetan, H.S.Anilkumar. Antifungal potency of cow urine. <i>Research and Reviews in Biosciences</i> 1(4-5),196-198, 2007 ISSN(0974-7532) Impact factor :0.08	International Journal
3	H. S. Ravikumar Patil, Gurumurthy H , Makari H K,Madhukar B M, Maruthi K.R, Divakara Regeneration Of Rice Via Somatic Embryogenesis And Variant Analysis Using RAPD. <i>Biotechnology:An Indian Journal (TSI)</i> vol.2,1,2008 (08-	National

	14) ISSN :(0974-7435) IF:0.03	
4	H. S. Ravikumar Patil, Rekha Chinnikate, Makari H. K. Gurumurthy H , In-vitro Screening of Stress Tolerant Legume Plants. <i>EJEAFChe</i> 7(11) 3334-3352,2008. ISSN (1579-4377) HI :16	National
5	H. S. Ravikumar Patil, Makari H. K. Gurumurthy H , Ramalingappa, Mukunda S, Prasheeth Kekuda,Chetan D M. Anilkumar H S. Effect of Agnihotra on Air borne Microorganisms. <i>Environmental Science An Indian Journal</i> , Vol 3, Issue2, 2008. ISSN:0974-7451.(233-239) Impact factor :0.07	National
6	H. Gurumurthy , V. Krishna, H.S. Ravikumar Patil, Suresh P. Babu: A preliminary phytochemical Studies on the seeds of <i>Celastrus paniculata</i> , Willd. <i>The Internet journals of Pharmacology</i> , Vol 6,Number 1,2008. ISSN: 1531-2976 .HI:5.IF:0.23	International
7	H. S. Ravikumar Patil, Makari H. K. Gurumurthy H . In-Vitro Biosorption of Lead and Zinc by using Living Biomass of <i>Aspergillus oryzae</i> . <i>Journals of Environmental Science</i> , an Indian Journal.Vol 3, Issue 2, 2008. 194-196.ISSN:0974-7451.IF:0.07	National
8	H.S.Ravikumar Patil,T.R.Prashath Kekuda, H.K.Makari, H.Gurumurthy .Invitro Antimicrobial Activity of Ethanol extract from <i>Thevetia peruviana</i> . <i>Biotechnology;An Indian journal</i> ,Vol 2,Issue 1,2008. 05-07. ISSN :(0974-7435) IF:0.03	National
9	H.S.Ravikumar Patil, H.K.Makari, H.Gurumurthy . Polyphenol composition of Nutraceuticals concentration obtained from edible vegetables oil seeds,(<i>EJEAFChe</i>) <i>Electronic Journal of Environmental Agricultural and Food Chemistry</i> ,ISSN (1579-4377),7(8),2008,3181-3198	National
10	Gurumurthy H ,Ramachandra Y L ,Padmalattha rai,Ravikumar Patil H S ,Suresha Babu,P <i>Invitro</i> Antimicrobial studies on <i>Aerva lanata</i> juss. <i>Journal of Environment and Ecology</i> Vol 27,No1.32-35.2009, ISSN(0970-0420)	National
11	H.S.Ravikumar Patil, H.A.Sayeswara, H.Gurumurthy ,H.K.Makari, M.Abhilash, K.L.Naik Preliminary Phytochemical Evaluation And Antibacterial Studies on <i>Vitex altissima</i> L <i>Biotechnology An Indian Journal</i> , Vol.3, Issue 2,2009,60-62,ISSN(0974-7435)	National
12	L. Ramachandra, K. Shilali, Mansoor Ahmed, H. V. Sudeep, B.T. Kavitha, H.Gurumurthy and S. Padmalatha Rai. Hepatoprotective properties of <i>Boerhaavia diffusa</i> and <i>Aerva lanata</i> against carbon tetra chloride induced hepatic damage in Rats. <i>Pharmacologyonline</i> 3:435-441,2011.ISSN(1827-	International

	8620)HI:16.IF:0.37	
13	Gurumurthy H , Dr.Y.LRamachandra, and S. Padmalatha rai. In-vitro Antibacterial study on leaf extracts of <i>Abutilon indicum</i> -Linn. <i>Electronic Journal of Environmental, Agricultural and Food chemistry</i> .Issue 10.Vol.2.2011(1892-1896) ISSN(1579)	National
14	Gurumurthy.H , Divya.V Prashantha Nagaraj Statistical Analysis of Microarray Data to Elucidate the Differential Gene Expression of <i>Puccinia striiformis F.sp.tritici</i> . <i>International Journal of Engineering Research & Technology (IJERT)</i> ,Vol. 3 Issue 8, 2014.ISSN(2278-0181),744-750.IF:2.70	International
15	Dr. H. Gurumurthy , Akshatha M, Manjunath Dammalli. A Novel Approach for Cigarette Smoke-Induced differential Gene Expression in Blood Cells from Monozygotic Twin Pairs <i>International Journal of Engineering Research & Technology (IJERT)</i> ,Vol.3 Issue 8, August – 2014.ISSN(2278-0181),596-601.IF:2.70	International
16	Gurumurthy.H. , Miss Jyothi U Bhatkal., Miss Siridevi G B., Mr. Ganesh G Tilve. In-Silico Docking Studies on Insecticide Resistance Acetylcholinesterase (Ache) Gene in <i>Aphis gossypii</i> and <i>Bemisia tabaci</i> . <i>International Journal of Innovative Research in Science and Technology (IJIRST)</i> , Vol 1,Issue 6 / 016, 2014.ISSN(2349-6010),87-92	International
17	Gurumurthy.H , Srivindya Pooja k and Vaivek Chandra Mohan. Comparative Genomic, Proteomic and Phylogenetic Analysis on different Tuberculosis strains <i>International Journal of Pharmaceutical Science and Health Care(IJPHC)</i> ,ISSN(:2249-5738), 2015.:65-72.IF:3.11	International
18	Gurumurthy.H ,Nirusha P, Sabreen Taj B G,P, Thriveni T G. Microarray data analysis using R programming. <i>International Journal of Scientific Engineering and applied science</i> , 2015, Volume 1(3),264-282.ISSN(2395-3470),IF:3.466	International
19	Gurumurthy.H and Apoorva.D. Commonup Regulated and downregulated Genes for Multiple Cancers using Microarray Gene Expression Analysis. <i>International Journal of Scientific and Research Publications</i> , Vol 5, Issue 1, 2015.ISSN (2250-3158),	International
20	Gurumurthy.H . Divya, V., Anitha P. Muttagi, Seema J Patel and Prashantha Nagaraja. Gene Expression Profile of Ovarian Cancer Dataset that helps to Predict Potential Biomarkers. <i>International Journal of Current Research in Life Sciences</i> , Vol. 4, No. 08, 321-327,2015.ISSN(2319-9490), IF:6.	International
21	S.Pooja,Anitha P.Muttagi,Seema J.Patel H.Gurumurthy and Prashanth Nagaraja,Whole Transcriptome cerebral cortex gene analysis in Alzheimer's diseases. <i>Computational Molecular Biology</i> , Vol 6(2),1,2016.ISSN(1927--	International

	5587),744-750.IF:1.537	
22	Dr.Gurumurthy H, SumanBanu, Rakesh N.R.,VeeragangadharaSwamy. Neurodegenerative disease database. <i>World Journal of Pharmaceutical and Life Sciences</i> ,accepted for publication in April-2017 issue	International
23	Dr.H.Gurumurthy,Nayana B. Prashanth C.N. Crystal structure of synthetic THQ derivatives used to predict Anti malarial and Anticancer properties. <i>International Journal of Current Research in Life Sciences</i> , accepted for publication in April-2017 issue.	International

Awards / Achievements

1	Production of Microbial oil by oleaginous algae using Agro-Industrial waste water (Effluent)"2012-13 ,Selected for final seminar presentation
2	"Comparative Genomic,Proteomic and Phylogenetic analysis of Different Tuberculosis strains" 2014-15, Selected for final seminar presentation
3	CO-AUTHOR of a " A TEXT OF HUMAN PHYSIOLOGY " 2009. I K International Publishers, New Delhi.

Workshops / Seminars / Conference organized / Conducted

1	<ol style="list-style-type: none"> 1. Coordinator for JAIVIK-2009 "Emerging trends in Biotechnology" held at Department of Biotechnology, GMIT,Davangere, on16th May 2009 2. As a convener organised the technical talk on "Career Development" on 05-04-2012 at Department of Biotechnology G.M.Institute of Technology, Davangere. 3. As a convener organised the technical talk on "Effect of Climate Change on Agriculture" on 01-09-2012 at Department of Biotechnology G.M.Institute of Technology, Davangere. 4. As a convener organised the technical talk on "Recent Trends in Biotechnology and Career Opportunities" on 23-09-2013 at Department of Biotechnology G.M.Institute of Technology, Davangere. 5. As a convener organised the technical talk on "Carrier Guidance" on 23- 09-2013 at Department of Biotechnology G.M.Institute of Technology, Davangere. 6. Member organizing Committee for National Level Technical Fest -2013 held at Department of Biotechnology G.M.Institute of Technology,Davangere. 7. As a convener organised the one day workshop on "Genomics and Proteomics" on 15-05-2014
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	<p>at Department of Biotechnology G.M.Institute of Technology, Davangere.</p> <p>8. Member organizing Committee for National Level Technical Fest -2014 held at Department of Biotechnology G.M.Institute of Technology. Davangere.</p> <p>9. As a convener organised the technical talk on "Applications of Biotechnology in FMCG and Chemical Industries" on 06-09-2014 at Department of Biotechnology,G.M.Institute of Technology, Davangere.</p> <p>10. As a convener organised the technical talk on "Carrier opportunities in Pharmaceutical and Biopharmaceutical Industries" on 13-05-2014 at Department of Biotechnology, G M Institute of Technology, Davangere.</p> <p>11. As a chief co-coordinator organized the technical Talk on "Application of Genome Informatics on 30-10-2015 at Department of Biotechnology. GM Institute of Technology, Davangere.</p> <p>12. As a chief co-ordinator organized the technical Talk on "Overview on Biosimilar Production" on 15-10-2015 at Department of Biotechnology. G M Institute of technology, Davangere.</p> <p>13. Member organizing committee for National Level Technical Fest -2015 held at Department of Biotechnology, GM Institute of technology, Davangere.</p>
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Workshops / Seminars / Conference attended

1	<p>14. Actively participated in a two days National Seminar on conservation of "Wetland Ecosystem", at Kuvempu University, June 2000</p> <p>15. Attended AICTE Sponsored Faculty Development Programme on Biotechnology organized by School of Life Science NIT, Calicut, Kerala from 25th to 29th November 2010.</p> <p>16. Participated in a Mission10X workshop conducted at University BDT College of Engineering at Davanagere from 5th to 9th January-2009.</p> <p>17. Participated in National Conference in Biotechnology and Society from 19th to 20th April 2012 at Kuvempu University, Shankaragatta,Shimoga.</p> <p>18. Attended National workshop on "DNA Barcoding" – Concept and Application at Biological Science Departments, University College, Hamapanakatta, Mangalore on 18th-19th Dec-2014.</p> <p>19. Attended workshop on Plagiarism Issues and Essential Tools for Research Write –ups at Jain College of Engineering, Davangere, on 18th April 2015.</p> <p>20. Attended three days Faculty Development Program on "Feel Teacher Learning and Development intervention organized by GM Institute of Technology, Davangere and conducted</p>
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	by CLHRD, Mangalore from 27 th to 29 th , July 2015
2	<ol style="list-style-type: none"> 1. Presented a Research paper on "Anti bacterial activity of leaf extracts of <i>abutilon indicum</i>". In International Conference (NHBT) on 26th to 29th November, at Trivandrum, Kerala. 2. Presented a Research paper in National conference on Biotechnology and Society (NCBS-2012) on 19th and 20th April 2012 at Department of Biotechnology and Bioinformatics, Kuvempu University, Jnana Sahyadri, Shankaragatta, Shivamogga. 3. Presented a Research paper on "<i>Alzimer's Weblog</i>". In National Level Technical fest held at G.M.Institute of Technology, Davangere on 4th and 5th September-2015

University responsibilities

1	<ul style="list-style-type: none"> • VTU appointed BOE member for Biotechnology course (2012-13) • VTU appointed BOE member for Biotechnology Course(2015-2016) • BOE member for Biotechnology Finishing School Course,SIT,Tumkur(2013-2014) • BOE member for Biotechnology Finishing School Course,SIT,Tumkur(2016)
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New Technology / Information learnt / exposed

1	Handled new technology oriented subject "biochips and micro-array Technology, Learnt advanced analysis methods using micro-array
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Details of Academic e-Contents prepared / used

1	nil
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Membership details

LMISTE	Life Member: Indian Society for Technical Education
MIEEE	
Senior IETE	

Personal Details

Gender	Male / Female
Date of Birth	01-06-1977
Email	gurumurthyh@gmit.ac.in
Contact detail	9945706278