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2. Designation : Associate Professor
3. Department : Microbiology
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5. Qualification

Sl. No	Graduation	Institute	University	Year of Passing
1	M Sc.	Gulbarga University Gulbarga	Gulbarga University Gulbarga	2002
2	PGD (Bioinfo)	IBX, Bangalore	-	2005
3	Ph. D	Dept of Biotechnology	Gulbarga University Gulbarga	2013

06. Short term Course Attended

Sl. No	Title of the course	Institute	Days	Period
1	GCG training program	RVC, B' lore	4	2005
2	Bioinformatics analysis using GCG	MVIT, Bangalore	2	13 th and 14 th July 2007

7. Projects Guided

Title of UG/PG projects guided (only important ones – like KSCST, award winning, innovative etc.)

Sl. No	Title of the project	UG/PG
1	“Structural Analysis of Computer Generated Homologous Models of pm3f Protein in tritium aestivum(weat)”	UG
2	“Biological Data Warehouse for KMF: Design Strategies Technologies “	UG
3	“Phylogenetic analysis of two species seahorse (genus: Hippocampus) using cytochrome b of mitochondrial DNA”	UG
4	“Computer aided drug design using ligand interaction	UG
5	“DOCKING STUDIES ON ANTI VIRAL DRUGS OF HIV INFECTION (CCR5 AND EXCR4 RECEPTORS)”	UG
6	“ SNAKE VENOM PEPTIDES: SEQUENCE ANALYSIS, MODELING AND MOLECULAR DOCKING STUDIES”	UG

8. Short Term Training Programme Conducted:

Sl. No	Title of the course	Period
1	Short Term Training Programme on “Biotechnology Engg” faculty members.	21 st -26 th Aug.2006
2	Biology for Engineers	1 st - 4 th March 2017

9. Short Term Training Programme Attended:

Sl. No	Title of the course	Institute	Days	Period
1	GCG training program	RVC, B'lore	4	2005
2	Bioinformatics analysis using GCG	MVIT, Bangalore	2	13 th and 14 th July 2007
3	Short Term Training Programme on “Recent advances in Biotechnology” for Engineering faculty members.	BEC, Bagalkot	1 week	21-08-2006 to 26-08-2006
4	Mathematical modeling for Biotechnology	BEC, Bagalkot	05 days	11-09-2008 to 16-09-2008
5	TEQIP-II Sponsored Faculty Development Program on” Capacity building towards quality teaching and learning	IISC, Bangalore	1 week	25 th Nov-6 th Dec 2013
6	International Symposium on Energizing Technologies for Sustainable Development	TEQIP-II BEC, BGK	2 days	27 th & 28 th Feb 2017

10. Conference/symposium Conducted:

Sl. No	Title of the course	Period
1	National seminar on “Recent Advances in Food Biotechnology”	21 & 22 October 2005
2	“STROBES-08” A National level student symposium	21 & 22 October 2008
3	Applications of Bioinformatics in Biotechnology, Pharmaceutical and Environmental Science	13 th and 14 th Sep, 2013

- 11. Inter National Symposium** : 1) Attended International Conference on “Docking studies on Antiviral Drugs for SARS” on 8th to 16th Oct, 2007 at Nice, France, under TEQIP
 2) Attended International Conference on “Molecular docking studies from Mycobacterium tuberculosis rpb receptor gene” on 15th to 16th May 2013. Held at Amsterdam, Netherland.

- 12. Extra curriculum activities** : Departmental Coordinator for IIPC Under TEQIP, BOS/BOE member, BEC, Bagalkot and Davangere

University, Davangere
BT-Zillion Coordinator, BEC, Bagalkot

- 13. Ph.D. Awarded** : **One During 2019-2020**
- 14. Ph. D Guiding** : **4** Students Registered under Me Affiliated to VTU, BGM.
- 15. Project Handling** :Biotechnology skill enhancement programe from department of IT& BT govt. of Karnataka **Amount Mobilized (1.62 Crore)**

PUBLICATIONS:

1. Virupakshaiah DBM, Kelamani Chandrakanth & C. C. Gavimath Udaykumar Morbad(2010) “Comparative Genomics of *Staphylococcus aureus* coagulase gene Journal of Advanced Bioinformatics Applications and Research Vol. (1), Issue 1, June 2010, pp 31-36.
2. Virupakshaiah DBM, Kelamani Chandrakanth & P. B. Kalaburgi (2012) Amplification & Sequencing of *mecA* gene from methicillin resistance *Staphylococcus aureus*. International Journal of Advance Biotechnology & Research 2(3): 310-314.
3. P. B. Kalaburgi, C. B. Shivayogimath, U. B. Deshannavar & Virupakshaiah DBM, (2012), Water quality evaluation of river Ghataprabha, India “International Journal of Environmental Sciences” Vol. 1 (1), 12-18.
4. Virupakshaiah DBM, Kelamani Chandrakanth (2014) Homology Modelling of PBP2a Protein Form Methicillin Resistance *Staphylococcus Aureus* Journal of Advanced Bioinformatics Applications and Research Vol. (5), Issue 1, March 2014, pp 28-32.
5. Virupakshaiah DBM (2014) *Insilico* Designing of Methicillin Antibiotic Analogs For The Treatment OF *Staphylococcus Aureus* Journal of Advanced Bioinformatics Applications and Research Vol. (5), Issue 1, March 2014, pp 33-36.
6. Virupakshaiah DBM, Kelamani Chandrakanth (2014) Screening and Docking Study of *Insilico* Designed Antibiotics For The Treatment of Methicillin Resistance *Staphylococcus Aureus*. Journal of Advanced Bioinformatics Applications and Research Vol. (5), Issue 1, March 2014, pp 23-27.
7. Virupakshaiah DBM (2014) *Insilico* Screening of Secondary Metabolites Derived From Marine Fungi For Anticancer Study. Journal of Advanced Bioinformatics Applications and Research Vol. (5), Issue 2, March 2014, pp 78-82.
8. Virupakshaiah DBM, and Kelamani Chandrakanth (2014) Epidemiological Survey of *Staphylococcus Aureus* Isolated From Clinical Sample of Bagalkot District. International Journal of Informative and Futuristic Research Vol1 (11) July 2014 34-40
9. Virupakshaiah DBM, and Kelamani Chandrakanth (2014) Molecular Characterization of *Staphylococcus Aureus* Isolated From Clinical Sample of Bagalkot District. International Journal of Informative and Futuristic Research Vol1 (11) July 2014 41-46
10. Virupakshaiah DBM, Kelamani Chandrakanth (2011) *Staphylococcus aureus* strain DBM17 penicillin binding protein (*mecA*) gene, partial cds- Published in NCBI-NIH (WHO) BCT.

11. Virupakshaiah DBM, Madhiha Ahamad, Smita Patil & Kelamani Chandrakanth (2013) Molecular docking studies of Mycobacterium tuberculosis RNA polymerase β subunit (rpoB) Receptor. International Conference on world academy of science engineering and technology. Issue 77 May 2013 Amsterdam PP 551-556.
12. Virupakshaiah DBM, Kelamani Chandrakanth, Rachangouda Patil and Prasad Hegade. (2007) Computer Aided Docking Studies on Antiviral Drugs For SARS. International Conference on world academy of science engineering and technology. PW ASET Volume 24 October 2007 ISSN 1307-6884 PP 297-299.
13. Virupakshaiah.DBM “Docking of secondary metabolites derived from marine fungi with Hsp90a protein in cancer treatment” Journal of advanced Bioinformatics Applications & Research Vol5, Issue2, 2014 pp 92-96.
14. Virupakshaiah DBM (2014) “Insilico screening of Secondary metabolites derived from marine fungi Anticancer study” Journal of Advanced Bioinformatics and research Vol5(2), 2014 pp 78-82.
15. Virupakshaiah DBM & Hemalatha V B (2015) “Bacteriophages are alternative Biocontrol agents to prevent the food borne pathogens” International Journal of Current Microbiology and applied science, Vol4(9), 2015 pp 916-924.
16. V.B. Hemalata and D.B.M. Virupakshaiah (2016) “Isolation and Identification of food borne pathogens from spoiled food samples. International journal of current microbiology and applied sciences. Vol.5 (6): 1017-1025.
17. D.B.M. Virupakshaiah and V.B. Hemalata (2016) “Molecular Identification of *Pseudomonas aeruginosa* from food born isolates” International journal of current microbiology and applied sciences. Vol.5 (6): 1026-1032.
18. Virupakshaiah.DBM and Asiya Rozindar Peptidomimetics: Structure and pharmacological identification of novel peptide of target chymase enzyme activity to predict asthma treatment. International Journal of research and analytical reviews **June.2019**/6/3/210-224
19. Virupakshaiah. DBM, Ajay oli and Hemalata VB Evaluation of phage as bio-control agent in enumeration of food borne pathogen *pseudomonas aeruginosa* Journal of pure applied microbiology **Sept.2020**/14/3/2115-212
20. Virupakshaiah.DBM, Vikar Ahamed and Sharada P Biocoputational Approach for the Effective Treatment of Alzheimers Disease International journal of Pharmacy and Biological Sciences **Aug.2020**/10/3/192-197
21. Virupakshaiah.DBM and Mallikarjun GoniThe role of sialyltransferases in cancer progression, metastasis and resistance to therapy: Journal of Glycobiology Oxford Press (communicated)

22. Virupakshaiah.DBM Hemalata. V B and Ajay M Oli Isolation and Characterization of MDR *Pseudomonas aeruginosa* Specific bacteriophages isolated from food Samples and alteration of cell morphology with Treated with isolated specific phage Indian Journal of Biotechnology (IJBT) (Communicated)
23. Virupakshaiah.DBM and Mallikarjun Goni Sialic acid: An avenue to target cancer progression, metastasis and resistance to therapy. Journal of Egyptian national cancer institute-Springer open accesses (Communicated)

Book Published: Marine Drugs for Anticancer Authors: Madhia Ahamad & Virupakshaiah DBM Lap Lambert Publishers

Performance Appraisal during past seven (7) years for the organization of following events under TEQIP World Bank from Basaveshwar Engineering College, Bagalkot.

1. National seminar on “Recent Advances in Food Biotechnology”
2. “STROBES-08” A National level student symposium
3. Short Term Training Programme on “Biotechnology Engg” faculty members

Major Strengths

- A) Subject Knowledge
- B) Hardworking and perseverance
- C) Thirst for acquisition of knowledge

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