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Qualification

Degree	Branch	Institution / University	Year of Passing
M.Phil	Biotechnology with allied Bioinformatics	Holy Cross College, Trichy	2014
M.Sc	Bioinformatics	Holy Cross College, Trichy,	2011
B.C.A	Computer applications	Holy Cross College, Trichy,	2009

Additional Qualification

Name of Course	Place of Study	Date	Duration
PGDCA	NIIT, TRICHY	April-2009	1 year

Work Experience

Name of Institution	Address of Institution	Designation	From	To
Holy Cross College	Holy Cross College Teppakulam, Trichy-1	Assistant Professor	18/06/2014	15/04/2016

Teaching / Research Experience

U.G. : 6 years **P.G. :** 8 years **M.Phil.** **Ph.D.**

Research Guidance

U.G. : 30 **P.G. :** 20 **M.Phil. :** **Ph.D. :**

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5.	Books Published / Edited	0
6.	Conferences / Workshops / Seminars Organised	0
7.	Research Projects	0
8.	Resource Person	0
9.	Consultancy	0
10.	Awards Recieved	0
11.	Patent	0
12.	Extension Activities Undertaken	0
13.	Professional Membership	1
14.	M.Phil. / Ph.D. Produced	0 / 0

1. National level Workshop on **"Online Workshop Computational Chemistry – A Leeway to Theoretical Chemistry"** sponsored by DBT organized by PG & Research Department of Chemistry at PSGR Krishnammal College of Women, Coimbatore during 27/07/2020 to 29/07/2020.
2. National level Workshop on **"Faculty Development Programme-Online workshop on Virtual Teaching- A Paradigm Shift from Offline to Online Teaching"** sponsored by Department of Biotechnology & Bioinformatics organized by Department of Biotechnology & Bioinformatics at Holy Cross College(Autonomous),Trichy during 15/06/2020 to 17/06/2020.
3. International level Conference on **"Stem cells in Regenerative medicine"** sponsored by PG and Research Department of Zoology organized by PG and Research Department of Zoology at Holy Cross College(Autonomous),Trichy during 06/03/2020 to 06/03/2020.
4. International level Conference on **"Frontiers in Chronic Diseases"** sponsored by DBT organized by PG and Research Department of Zoology at Bishop Heber College,Trichy during 19/02/2020 to 19/02/2020.
5. International level Conference on **"Prospectus of Biosciences in Transdisciplinary Research"** sponsored by Department of Biotechnology & Bioinformatics organized by Department of Biotechnology & Bioinformatics at Bishop Heber College,Trichy during 21/01/2020 to 22/01/2020.
6. International level Conference on **"Recent Trends in Structural Bioinformatics and CADD"** sponsored by DBT-BIF organized by Department of Bioinformatics at Alagappa University,Karaikudi during 11/12/2019 to 13/12/2019.
7. International level Conference on **"Application of Basic Sciences"** sponsored by Department of Mathematics organized by Department of Mathematics at Bishop Heber College,Trichy during 19/11/2019 to 21/11/2019.
8. College level Workshop on **"An intensive coaching for UGC/CSIR-NET examinations"** sponsored by Department of IQAC organized by Department of IQAC at Bishop Heber College,Trichy during 15/11/2019 to 16/11/2019.
9. State level Workshop on **"Research based pedagogical tools in Science through inquiry and research"** sponsored by United board for Christian education in Asia organized by PG and Research Department of Chemistry at Bishop Heber College,Trichy during 17/10/2019 to 18/10/2019.
10. College level Workshop on **"Student Counselling for young teachers"** sponsored by Anugraha Capuchin Institute of Counselling,Dindugul, organized by Department of Social Work at Bishop Heber College,Trichy during 26/06/2019 to 26/06/2019.
11. Regional level Workshop on **"IGNITE-2019"** sponsored by DBT-STAR COLLEGE SCHEME organized by Deanery of Academics at Bishop Heber College,Trichy during 24/06/2019 to 25/06/2019.
12. College level Workshop on **"Academic and administrative audit in pursuit of excellence in higher education through intensive training for leaders of academic institutions"** sponsored by United board for Christian education in Asia organized by Research and Development Cell at Bishop Heber College,Trichy during 15/04/2019 to 17/04/2019.
13. National level Conference on **"Unravelling Biometabolites with bioactivity"** sponsored by DBT organized by Department of Biotechnology & Bioinformatics at Bishop Heber College,Trichy during 25/02/2019 to 25/02/2019.
14. National level Conference on **"Recent Trends in structural Bioinformatics and Computer Aided Drug Designing"** sponsored by DST-FIST&DBT-BIF,RUSA 2.0 organized by Department of Bioinformatics at Alagappa University ,Karaikudi during 12/02/2019 to 15/02/2019.
15. State level Workshop on **"An overview of ngs methods, ngs fileformats & data analysis" & Hands on workshop – "variant analysis of ngs data using galaxy server"** sponsored by - organized by Department of Bioinformatics at Bishop Heber College,Trichy during 23/01/2019 to 23/01/2019.
16. International level Conference on **"Emerging trends in Biological Research"** sponsored by Department of Biotechnology and microbiology,Jamal Mohamed College organized by Department of Biotechnology and microbiology,Jamal Mohamed College at Trichy during 03/03/2018 to 03/03/2018.

17. National level Conference on **"Recent Trends in structural Bioinformatics and Computer Aided Drug Designing"** sponsored by DST-FIST&DBT-BIF organized by Department of Bioinformatics, at Karaikudi during 20/02/2018 to 23/03/2018.
18. College level Workshop on **"Discovery and development of novel therapeutics through insilico methods"** sponsored by Department of Biotechnology and Bioinformatics, Bishop Heber College, organized by Department of Biotechnology and Bioinformatics, Bishop Heber College, at Trichy during 14/02/2018 to 01/01/1900.
19. International level Conference on **"International Conference on Frontiers in Nano Biotechnology"** sponsored by DST-SERB organized by Department of Biotechnology and Bioinformatics, Bishop Heber College, at Trichy during 08/09/2017 to 09/09/2017.
20. State level Workshop on **"Computational Approaches in Cancer Genomics"** sponsored by Centre for Stem Cell and Cancer Genomics organized by Srimad Andavan Arts and Science College at Trichy during 05/01/2017 to 06/01/2017.
21. National level Workshop on **"Good Laboratory practices and Intellectual property Rights in Biosciences"** sponsored by Kavin Bioresearch organized by PG & Research Department of Zoology Holy Cross College at Trichy during 23/02/2015 to 24/02/2015.
22. International level Conference on **"Frontiers in Biomedical Sciences"** sponsored by PG & Research Department of Biotechnology & Bioinformatics, Holy Cross College, Trichy organized by PG & Research Department of Biotechnology & Bioinformatics, Holy Cross College, Trichy at Trichy during 18/06/2014 to 18/06/2014.
23. International level Conference on **"Recent trends in Biomedical Sciences"** sponsored by UGC & DBT organized by PG & Research Department of Biotechnology & Bioinformatics, Holy Cross College at Trichy during 07/01/2014 to 09/01/2014.
24. National level Seminar on **"In silico & In vitro studies in Biology"** sponsored by DBT organized by PG & Research Department of Biotechnology & Bioinformatics, Holy Cross College at Trichy during 11/10/2010 to 13/10/2010.
25. College level Workshop on **"Train the trainers on mind mapping and stress management"** sponsored by Deanery of Academics organized by Deanery of Academics at Bishop Heber College, Trichy during 01/01/1900 to 01/01/1900.
26. International level Conference on **"Current trends in computational and Experimental Biology"** sponsored by Department of Biotechnology & Bioinformatics organized by Department of Biotechnology & Bioinformatics at Bishop Heber College, Trichy during 01/01/1900 to 01/01/1900.

1. **"Identification of potential inhibitors for TNIK receptor of Colorectal Cancer through Structure based Virtual screening and Molecular docking approach"** in the International conference on *International conference on Frontiers in Chronic Diseases* sponsored by -, organized by Department of Zoology, Bishop Heber College at Trichy during 11/02/2020 to 12/02/2020.
2. **"Detailed Study on Foam Cell Scavenger Receptors Type I and II: A Novel Therapeutics for Cardiovascular Diseases"** in the International conference on *International conference on Prospectus of Biosciences in Transdisciplinary research* sponsored by -, organized by Department of Biotechnology and Bioinformatics, Bishop Heber College, at Trichy during 21/01/2020 to 22/01/2020.
3. **"Structural Insights on Smoothed Receptor- A Promising Target for Cancer Stem Cell Degeneration"** in the International conference on *International conference on Prospectus of Biosciences in Transdisciplinary research*, organized sponsored by -, organized by Department of Biotechnology and Bioinformatics, Bishop Heber College at Trichy during 21/01/2020 to 22/01/2020.
4. **"Targeting cancer stem cells: Role of Hedgehog signaling pathway in tumorigenesis and tumor resistance"** in the International conference on *International conference on Recent Trends in structural Bioinformatics and Computer Aided Drug Designing*, sponsored by -, organized by Department of Bioinformatics, Alagappa University at Trichy during 18/12/2019 to 19/12/2019.
5. **"Drug repurposing- Atorvastatin a potent drug in Cardiovascular as Gsk-3 Beta inhibitor in Alzheimer's disease"** in the National conference on *Unravelling Biometabolites with bioactivity* sponsored by DBT, organized by Department of Biotechnology and Bioinformatics at Bishop Heber College, Trichy during 25/02/2019 to 25/02/2019.
6. **"Wnt signalling Pathways in Colorectal Cancer-Poster Presented"** in the International conference on *Application and Development in Applied Sciences and Research* sponsored by , organized by Department of Biotechnology and Bioinformatics at Holy Cross College, Trichy during 07/02/2019 to 08/02/2019.
7. **"Metabolic pathway and molecular interaction analysis: A comparative genomic study for the identification of novel therapeutic drug targets against staphylococcus aureus"** in the International conference on *Emerging trends in Biological Research* sponsored by UGC, organized by organized by Department of Biotechnology and Microbiology, Jamal Mohammed College at Trichy during 03/03/2018 to 03/03/2018.
8. **"GSK3-Beta Inhibition –An attractive target in Alzheimer's Disease therapeutics"** in the National conference on *Recent Trends in structural Bioinformatics and Computer Aided Drug Designing* sponsored by , organized by Department of Bioinformatics, Alagappa University at Karaikudi during 20/02/2018 to 23/03/2018.
9. **"Green synthesis of silver nanoparticles stabilized by Adathoda vasica against cervical cancer"** in the International conference on *International Colloquim on Bionanomaterials and Bionanotechnology* sponsored by , organized by Department of Biochemistry, St. Joseph's College at Trichy during 08/02/2018 to 08/02/2018.
10. **"Predicting the protein-peptide ligand coupling for the stabilization of nano carrier drug delivery system in cancer through in silico analysis"** in the International conference on *Bionanomaterials and Bionanotechnology* sponsored by , organized by Department of Biochemistry, St. Joseph's College at Trichy during 08/02/2018 to 08/02/2018.
11. **"In-silico docking studies on anticancerous polyphenolic phytochemicals targeting the BH3 domain of Bcl-xL receptor in apoptotic pathway"** in the International conference on *Recent trends in Biomedical Sciences* sponsored by DST-FIST & DBT, organized by PG & Research Department of Zoology, Biotechnology & Bioinformatics, Holy Cross College, Trichy at Trichy during 07/01/2014 to 01/07/2014.

1. **"Ligand based pharmacophore model development for anti androgen receptor drugs for treating Prostate Cancer"** published in International Journal of Pharmaceutical Sciences and Research (SELECT) Vol. , Issue No. , January 1900 ISSN : ---.
2. **"Molecular Docking analysis of the TNIK Receptor protein with a potential Inhibitor from the NPACT database"** published in Bioinformation (SELECT) Vol. , Issue No. , January 1900 ISSN : ---.
3. **"In Silico Pharmacokinetics and Molecular Docking of Novel Bioactive Compound (11-Methoxy-2-Methyltridecane-4-OI) for Inhibiting Carbohydrates Hydrolyzing Enzyme"** published in Taylor and Francis (SELECT) Vol. , Issue No. , January 1900 ISSN : ---.
4. **"Bioactive compounds from marine resources against novel corona virus (2019-nCoV): in silico study for corona viral drug."** published in J.Natutral Product Research,Taylor and Francis aylor and Francis (SELECT) Vol. , Issue No. , January 1900 ISSN : ---.
5. **"TRAF2 and NCK-interacting kinase inhibitors for colorectal cancer; in vitro and theoretic validations"** published in ACS-Combinatorial Science (SELECT) Vol. , Issue No. , January 1900 ISSN : ---.
6. **"In silico evaluation of isatin-based derivatives with RNA-dependent RNA polymerase of the novel coronavirus SARS-CoV-2"** published in Journal Biomolecular Structure and Dynamics,Taylor and Francis (SELECT) Vol. , Issue No. , January 1900 ISSN : ---.
7. **"A Computational Approach to Understand the Analysis of Sansevieria trifasciata Phytochemicals against Nicotine-Induced Lung Cancer"** published in Indian Journal of Natural Sciences (SELECT) Vol. , Issue No. , January 1900 ISSN : ---.
8. **"Type-II Isoform of Scavenger Receptor Shows Significant Extra Cellular Segment: Detailed Computational Analysis"** published in SSRN: <https://ssrn.com/abstract=3528167>Elseiver (CONFERENCE PROCEEDING) Vol. , Issue No. , January 1900 ISSN : ---.
9. **"Analysis of Chemoresistance Mutations and Allostery in Smoothened Receptor through Normal Mode Analysis"** published in SSRN: <https://ssrn.com/abstract=3528158>Elseiver (CONFERENCE PROCEEDING) Vol. , Issue No. , January 1900 ISSN : ---.

Publication in Books

- 1

1. ***Regeneration of Beta Cells by Inhibition of pro-Apoptotic Proteins through Phytocompound in STZ Induced Diabetic Albino Wistar Rats: In Vivo and In Silico Approach. Structure and Health Effects of Natural Products on Diabetes Mellitus.*** :Springer, January 1900.

* Life member of Bioinformatics Drug Discovery Society during 01/06/2018 - Till Date

Additional Information

@ CURRENT RESEARCH FOCUS

- Computational studies on Colorectal cancer
- Modelling metabolic interactions
- Studying cell signaling pathways
- Protein-Protein Interaction

