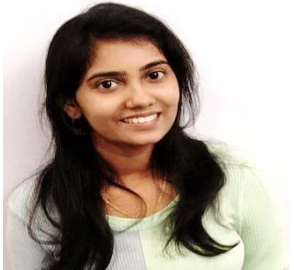




Bharath Institute of Higher Education and Research

Faculty Profile

Personal Details	
ATHIRA M A	
Research Associate	
Human Genetics Research Centre	
Sree Balaji Dental College and Hospital	
8592976963	
athiramtdy7@gmail.com	

Area of Interest	Molecular biology, Human Genetics
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Subjects Taught	
UG	PG
-	-

Academic Background				
Degree	Specialization	University	Class	Month & Year of Passing
MSc	Biotechnology	Bharathiyar University	1 st class with Distinction	2018
BSc	Biotechnology	Calicut University	B ⁺	2016

Work Experience as on Oct-2020							
Name of the Institution/Company		Position		From		To	
Sree Balaji Dental College and Hospital		Research Associate		12.6. 2019		Till date	
Total experience	4 years 24 days	Teaching	-	Research	4 years 3 months 10 days	Administration	-

Research Publications				
International Journal	National Journal	International Conference	National Conference	Total Number of Publications
Recent Publications(Journals)- Chronological order				
Sl.No	Details			
1	Athira Ajith , Usha Subbiah. In silico prediction of deleterious non synonymous SNPs in STAT3.Asian Biomedicine. (Accepted 2023 April)			
2	Subbiah U, Ajith A , Venkata Subbiah H. Molecular docking and dynamics simulation of Orthosiphon stamineus against SGLT1 and SGLT2. Journal of Biomolecular Structure and Dynamics. 2023 Mar 21:1-6.			
3	Harini Venkata Subbiah, Usha Subbiah, Athira Ajith , Association of β -defensin 1 gene polymorphism and dental caries susceptibility in tamil ethnicity, Research Journal of Pharmacy and Technology, 2021, 14, 9.			
4	Athira Ajith , Usha Subbiah, Deepika. P, Minthami Sharon P. Signaling Pathway Genetic Variations In Apical Periodontitis, Journal of Angiotherapy,2021			
4	Athira Ajith , Usha Subbiah, Harini Venkata Subbiah. Genetics in Dentistry. Indian Journal of Public Health Research and Development, Dec 2019			
5	Harini Venkata Subbiah, Usha Subbiah, Athira Ajith , Ramesh Babu Polani. Role of Neutrophils in Periodontitis. . Indian Journal of Public Health Research and Development. Dec 2019			
6	Usha Subbiah, Harini Venkata Subbiah, Athira Ajith , Sonaa Elango. Salivary Secretary Proteins-Unveiling Genetic Polymorphism and Diseases. Indian Journal of Public Health Research and Development, Nov 2019			
7	Athira Ajith , Usha Subbiah, Harini Venkata Subbiah. Genetic Analysis In Pain Associated Deep Caries. Indian Journal of Public Health Research and Development, Nov 2019 10: 2829-2833			
8	Harini Venkata Subbiah, Usha Subbiah, Athira Ajith , Ramesh Babu Polani. Single Nucleotide Polymorphism of Salivary Antimicrobial Peptides in Periodontitis. Indian Journal of Public Health Research and Development, Nov 2019			

Programmes (Workshop/ Training/ conference) Conducted/ Attended	
Sl.No	Details in Chronological order
1.	Poster presentation – “Phytochemical profiling and bioactivity evaluation of

	<i>Phylanthus emblica</i> seed” presented on 18 th -19 th Aug 2023 at CSIR & TNSCST sponsored 1 st National conference on Biomaterilas in Health care 2023, Sree Balaji Medical College and Hospital; Athira Ajith, Usha Subbiah
2.	"3rd International Conference on Applications of Natural compounds, Nanomaterials, Oncolytics in Cancer Biology and Biotechnology (ICANNOCB-22)"
3.	Conducted Hands on workshop on SNP detection and analysis, at Human Genetics Research Centre, SBDCH on 21st Sep, 2022.
4.	Conducted Hands on workshop on Genetic Variant analysis, at Human Genetics Research Centre, SBDCH on 24th Aug, 2022.
5.	Attended 3 Days Workshop on DGE Data Analysis from, Biodeavour Research Lab,Chennai,21 to 23, June,2022
6.	Conducted Workshop on Gene Expression using Real Time PCR, Dec 10th 2021,Sree Balaji Dental College and Hospital
7.	International Conference on Nanomedicine and Nanomaterials organised by Mar Athanasios College for Advanced Studies Tiruvalla, MACFAST , 03/09/2021 to 05/09/2021
8.	Participated in 45 th Annual meeting of the Indian Society of Human Genetics (ISH 2020)- Advance health – care Through Genomics
9.	Hands on workshop on ARMS PCR” in Exon Biosciences on Sep 2019, Chennai
10.	3 months project at National Institute of Technology Calicut, December to March, 2018
11.	Participated in a three days internship program at SynkroMax Biotech Private Limited.
12.	Participated in a 7 day workshop in Analytical Biology at Nehru College of Arts and Science in 2012.

Roles and Responsibilities

Sl.No	Details
1	Develop research objectives, projects and proposals; identify sources of funding and contribute to the process of securing funds;
2	Performs a variety of assays, tests, studies, calculations to complete research test results, data collection ; performs statistical analysis of results

3	Contributes to the teaching and learning programmes in the department; supervises postgraduate research students.
4	Planning and organising: plan, co-ordinate and implement research programme/s.
5	Liaison and networking: collaborate actively within and outside the Institution to complete research projects.