

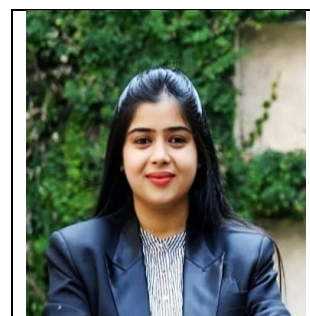
Name: Dr. Dhvani Upadhyay

Designation: Assistant Professor

Phone: +91 9558021474

E-mail: dhvani.upadhyay@gafcuniversity.ac.in

School: School of Life Sciences



Research Interest:

- **Environmental Microbiology, Microbial Enzymology, Bioremediation.**

Academic Background:

DEGREE	SUBJECT	UNIVERSITY	YEAR
Bachelor of Science	Biotechnology	Sardar Patel University, Vallabh Vidyanagar	June 2009- Apr 2012
Master of Science	Biotechnology	Nirma University, Ahmedabad	June 2012- Apr 2014
PhD	Biotechnology	Jaipur National University, Jaipur	June 2015- Feb 2019

Professional Experience:

From	Period	Position	Organisation
2019-2024	05 Years	Assistant Professor	Parul University, Vadodara, Gujarat
2019	6 Month	Research Assistant	Jaipur National University, Jaipur, Rajasthan
2014-2015	01 Year	British Council Coordinator	Vatsalya International Group of Schools

Teaching Engagements:

Title	Course Code	Class Name	School Name
Medical Microbiology	BSMB502	B.Sc. Microbiology Sem-V	School of Sciences

Bioanalytical Tools	BSMB505 and BSBO501	B.Sc. Microbiology and Biotechnology Sem-V	School of Sciences
Disaster Risk Management	AECC501	B.Sc. Microbiology and Chemistry Sem-V	School of Sciences
Bioprocess Technology	BSBO502	B.Sc. Biotechnology Sem-V	School of Sciences
General Microbiology	BSBO302	B.Sc. Biotechnology Sem-III	School of Sciences

Publications:

- **Upadhyay D**, Sharma S, Shrivastava D, Kulshreshtha NM. Production and characterization of β -cyclodextrin glucanotransferase from Bacillus sp. ND1. **J Basic Microbiol.** 2018; 59(2):192-205.
- Sharma S, **Upadhyay D**, Shrivastava D, Kulshreshtha NM. Defluoridation of water using autochthonous bacterial isolates. **Environmental monitoring and assessment.** 2019; 191(12):781.
- **Upadhyay D**, Chauhan A, Singh KS, Shrivastava D, Kulshreshtha NM. Production and optimization of cyclodextrin glucanotranferase from Bacillus Sp. SS2. **J MicrobiolBiotechnol& Food Sci.** 2020; 10(2):159-165.
- KeleVd, **Upadhyay D**, Andhare P, Nair P. Consumer Perception Towards Dairy Products During Covid-19 Pandemic. **International Journal of Biology, Pharmacy and Allied Science.** 2021; Special Issue, 2021; 10 (9):379-386.
- Vasavada H, **Upadhyay D**, Andhare P, Akhani T, Inampudi S. LCMS Analysis of Leaf Extract of Coriandrum Sativum Cultivated in India. **International Journal of Biology, Pharmacy and Allied Science.** Special Issue, 2021, 10(9): 396-0.
- Vasavada H, Upadhyay D, Andhare P, Akhani T, Inampudi S. Comparative LCMS Analysis of The Metabolite Profile of Coriandrum Sativum, Mentha Piperita and Eucalyptus Citriodora. **International Journal of Biology, Pharmacy and Allied Science.** Special Issue, 2021, 10(9): 387-395.
- Desai R, Andhare P, Marchawala F, Bhattacharya I and **Upadhyay D***. Synthesis Of Silver Nanoparticles: Advances, Application And Future Prospect. **International Journal of Biology, Pharmacy and Allied Science.** 2021;10(4): 351-358.

- Rajendra SV, Andhare P, Marchawala F, Bhattacharya I and **Upadhyay D***. Bioremediation: Modes, Techniques and Applications. International Journal of Biology, Pharmacy and Allied Science. 2021;10(4): 375-378.
- Mavi H, Andhare P, Marchawala F, Bhattacharya I and **Upadhyay D***. A Review on Applications of Lipase. International Journal of Biology, Pharmacy and Allied Science. 2021;10(4): 296-303.
- Mali B, Andhare P, Marchawala F, Bhattacharya I and **Upadhyay D***. A Review On Production Of Protease. International Journal of Biology, Pharmacy and Allied Science. 2021;10(4): 278-286.
- Patel H, Andhare P, Marchawala F, Bhattacharya I and **Upadhyay D***. A Review On Synthesis Of Silvefr Nanoparticles. International Journal of Biology, Pharmacy and Allied Science. 2021;10(4): 304-312.
- Purohit A, Andhare P, Marchawala F, Bhattacharya I and **Upadhyay D***. A Review On Protease. International Journal of Biology, Pharmacy and Allied Science. 2021;10(4): 269-277.
- Patel D, Andhare P, Marchawala F, Bhattacharya I and **Upadhyay D***. Effect Of the Physiological Parameters On The Spore Production On Solid Media Of Beauveria Bassiana: A Review. International Journal of Biology, Pharmacy and Allied Science. 2021;10(4): 287-295.
- Gojiya R, Andhare P, Marchawala F, Bhattacharya I and **Upadhyay D***. Production Of Amylase From Microbial Sources: A Review. International Journal of Biology, Pharmacy and Allied Science. 2021;10(4): 341-350.
- Choksi K, Andhare P, Marchawala F, Bhattacharya I and **Upadhyay D***. Bacterial Lipase: A Review. International Journal of Biology, Pharmacy and Allied Science. 2021;10(4): 313-321.
- Joshi N, Andhare P, Marchawala F, Bhattacharya I and **Upadhyay D***. A Study on Amylase: Review. International Journal of Biology, Pharmacy and Allied Science. 2021;10(4): 333-340.
- Goyal S, Andhare P, Marchawala F, Bhattacharya I and **Upadhyay D***. Synthesis And Applications Of Silver Nanoparticles: A Review. International Journal of Biology, Pharmacy and Allied Science. 2021;10(4): 367-374.

- Chauhan K, Andhare P, Marchawala F, Bhattacharya I and **Upadhyay D***. Microbiological Study Of Milk: A Review. International Journal of Biology, Pharmacy and Allied Science. 2021;10(4): 322-332.
- Patel S, Andhare P, Marchawala F, Bhattacharya I and **Upadhyay D***. A Study On Lipase: Review. International Journal of Biology, Pharmacy and Allied Science. 2021;10(4): 359-367. (<https://doi.org/10.31032/IJBPAS/2021/10.4.1040>).
- Nayak A, **Upadhyay D**, Marchawala F, Bhattacharya I And Andhare P. Isolation and Identification Isolates of Bifidobacterium from Human Breast Milk and Their Use as Probiotics. International Journal of Biology, Pharmacy and Allied Science. 2021;10(4):1-9.
- Bagasariya A, **Upadhyay D**, Marchawala F, Bhattacharya I And Andhare P. Application Of Microalgae For Nutrient Recovery From Wastewater. International Journal of Biology, Pharmacy and Allied Science. 2021;10(4):10-21.
- Kumar D, **Upadhyay D**, Marchawala F, Bhattacharya I And Andhare P. Antibiotic Resistance in Lactic Acid Bacteria: A Review. International Journal of Biology, Pharmacy and Allied Science. 2021;10(4):22-28.
- Patel D, **Upadhyay D**, Marchawala F, Bhattacharya I And Andhare P. A Review on Isolation, Identification of Amylase Produced From Soil Bacteria. International Journal of Biology, Pharmacy and Allied Science. 2021;10(4):29-41.
- Patel E, **Upadhyay D**, Marchawala F, Bhattacharya I And Andhare P. Microbial Analysis Of Capsule Shell And Water In Pharmaceutical Industry: A Review Paper. International Journal of Biology, Pharmacy and Allied Science. 2021;10(4):42-51.
- Maisuriya K, **Upadhyay D**, Marchawala F, Bhattacharya I And Andhare P. Bacterial Wilt Of Brinjal And Its Control. International Journal of Biology, Pharmacy and Allied Science. 2021;10(4):52-61.
- Modi P, **Upadhyay D**, Marchawala F, Bhattacharya I And Andhare P. Microbial Production Of Cellulase. International Journal of Biology, Pharmacy and Allied Science. 2021;10(4):62-74.
- Patel R, **Upadhyay D**, Marchawala F, Bhattacharya I And Andhare P. Microbial Analysis Of Tablet And Raw Material In Pharmaceutical Industry: A Review Paper. International Journal of Biology, Pharmacy and Allied Science. 2021;10(4):75-85.
- Majmundar JA, **Upadhyay D**, Marchawala F, Bhattacharya I And Andhare P. Phytochemical Analysis And Assortment Of Antimicrobial Activity Of Aegle

Marmelos Leaves: A Review. *International Journal of Biology, Pharmacy and Allied Science*. 2021;10(4):86-96.

- Patel M, **Upadhyay D**, Marchawala F, Bhattacharya I And Andhare P. A Review Of Assessment Of Some Physico-Chemical Properties And Bacteriological Status Of Industrial Water And Wastewater. *International Journal of Biology, Pharmacy and Allied Science*. 2021;10(4):97-106.
- Mani M, **Upadhyay D**, Marchawala F, Bhattacharya I And Andhare P. Effects of Physical Properties and Microbes on Farm Soil. *International Journal of Biology, Pharmacy and Allied Science*. 2021;10(4):107-114.
- Rajpurohit P, **Upadhyay D**, Marchawala F, Bhattacharya I And Andhare P. Potassium Solubilizing Bacteria - Isolation, Mass Multiplication & Liquid Formulation Of Potassium Solubilizing Bacteria (Ksb). *International Journal of Biology, Pharmacy and Allied Science*. 2021;10(4):107-114.
- Vala P, **Upadhyay D**, Marchawala F, Bhattacharya I And Andhare P. Significance And Importance Of Actinomycetes As An Antibiotic: A Review. *International Journal of Biology, Pharmacy and Allied Science*. 2021;10(4):135-142.
- Ribadiya P, **Upadhyay D**, Marchawala F, Bhattacharya I And Andhare P. Bioplastic: Production Of Bioplastic From Banana Peels. *International Journal of Biology, Pharmacy and Allied Science*. 2021;10(4):143-151.
- Rajput S, **Upadhyay D**, Marchawala F, Bhattacharya I And Andhare P. Solid State Fermentation Of Ligninolytic Enzyme: A Review. *International Journal of Biology, Pharmacy and Allied Science*. 2021;10(4):152-164.
- Kaur S, **Upadhyay D**, Marchawala F, Bhattacharya I And Andhare P. A Review On Bacteriocin Produced By Lactic Acid Bacteria. *International Journal of Biology, Pharmacy and Allied Science*. 2021;10(4):165-172.
- Solanki S, **Upadhyay D**, Marchawala F, Bhattacharya I And Andhare P. Risk Profile On The Microbiological Contamination Of Fruits And Its Juices. *International Journal of Biology, Pharmacy and Allied Science*. 2021;10(4):173-181.
- Ongeri Co, Andhare P, Marchawala F, **Upadhyay D**, And Bhattacharya I. The Role Of Organisms As A Contaminant In Milk And Milk Products. *International Journal of Biology, Pharmacy and Allied Science*. 2021;10(4):182-190.

- Patil K, Andhare P, Marchawala F, **Upadhyay D**, And Bhattacharya I. International Journal of Biology, Pharmacy and Allied Science. 2021;10(4):191-199. (<https://doi.org/10.31032/IJBPAS/2021/10.4.1020>).
- Patkar B, **Upadhyay D**, Bhattacharya I, ,Andhare P, And Marchawala F. A Review On Plant Growth Promoting Rhizobacteria From Soil. International Journal of Biology, Pharmacy and Allied Science. 2021;10(4):200-207.
- Baldiwala S, **Upadhyay D**, Marchawala F, Andhare P And Bhattacharya I. Heavy Metals: Cotton Plant. International Journal of Biology, Pharmacy and Allied Science. 2021;10(4):208-218.
- Desai N, **Upadhyay D**, Marchawala F, Andhare P And Bhattacharya I. Bioethanol Production: Waste Management. International Journal of Biology, Pharmacy and Allied Science. 2021;10(4):219-227.
- Srivastava M, **Upadhyay D**, Marchawala F, Andhare P And Bhattacharya I. Lactobacillus Plantarum As A Major Spoilage Organisms On Fresh Green Vegetables. International Journal of Biology, Pharmacy and Allied Science. 2021;10(4):228-235.
- Bhilala L, **Upadhyay D**, Marchawala F, Andhare P And Bhattacharya I. A Review On Biofertilizer From Cowdung. International Journal of Biology, Pharmacy and Allied Science. 2021;10(4):236-141.
- Patkar R, **Upadhyay D**, Bhattacharya I, Andhare P And Marchawala F. Isolation And Characterization Of Rhizobia Bacteria From Root Nodule: A Review. International Journal of Biology, Pharmacy and Allied Science. 2021;10(4):242-248.
- Patel P, Dave S, **Upadhyay D**, Andhare P, Marchawala F And Bhattacharya I. A Short Review On: Acanthaceae Family Boon To Human Being. International Journal of Biology, Pharmacy and Allied Science. 2021;10(4):249-256.
- Soni T, **Upadhyay D**, Bhattacharya I, Andhare P And Marchawala F. Isolation Of Plant Growth Promoting Rhizobacteria (Pgpr) From Soil: A Review. International Journal of Biology, Pharmacy and Allied Science. 2021;10(4):257-262.
- Devi Y, **Upadhyay D**, Bhattacharya I, Andhare P And Marchawala F. A Review On: Biodegradation Of Wastewater. International Journal of Biology, Pharmacy and Allied Science. 2021;10(4):263-268.
- Raichandani M, **Upadhyay D**, Andhare P And Prajapati P. A Review On Milk Adulteration And Lactic Acid Bacteria From Milk Samples. International Journal of Biology, Pharmacy and Allied Science. 2021;10(4):381-388.

- Patel AM, **Upadhyay D**, Andhare P And Prajapati P. A Review On Actinomycetes. International Journal of Biology, Pharmacy and Allied Science. 2021;10(4):389-395.
- Shah A, **Upadhyay D**, Andhare P And Prajapati P. A Review On Microbes Affecting The Soil Fertility. International Journal of Biology, Pharmacy and Allied Science. 2021;10(4):396-403.
- Bhatt D, **Upadhyay D**, Andhare P And Prajapati P. A Review On Lactic Acid Bacteria From Agricultural Soil. International Journal of Biology, Pharmacy and Allied Science. 2021;10(4):404-410.
- Patel HR, **Upadhyay D**, Andhare P And Prajapati P. A Review On Antimicrobial Activity Of Some Medicinal Plant Leaves. International Journal of Biology, Pharmacy and Allied Science. 2021;10(4):411-419.
- Desai JP, **Upadhyay D**, Andhare P And Prajapati P. A Review On Citric Acid Production From Microbial Sources. International Journal of Biology, Pharmacy and Allied Science. 2021;10(4):420-426.
- Patel MV, **Upadhyay D**, Andhare P And Prajapati P. A Review On Characterization And Antimicrobial Activity Of Nitrogen Fixing Bacteria From Leguminous Plant (Fenugreek). International Journal of Biology, Pharmacy and Allied Science. 2021;10(4):427-436.
- Patel TK, **Upadhyay D**, Andhare P And Prajapati P. A Review On Microorganisms From Spoiled Apple And Their Microbial Activity. International Journal of Biology, Pharmacy and Allied Science. 2021;10(4):437-443.
- Parmar B, **Upadhyay D**, Andhare P And Prajapati P. A Review On Characterization Of Microorganism From Fruit Waste. International Journal of Biology, Pharmacy and Allied Science. 2021;10(4):444-453.
- Kubavat R, **Upadhyay D**, Andhare P And Prajapati P. A Review On Characterization Of Microorganisms From Industrial Wastewater. International Journal of Biology, Pharmacy and Allied Science. 2021;10(4):454-461.
- Pandey S, **Upadhyay D**, Andhare P And Prajapati P. A Review On Characterization Of Microorganism From Sewage Waste. International Journal of Biology, Pharmacy and Allied Science. 2021;10(4):462-470.
- Soni S, **Upadhyay D**, Andhare P And Prajapati P. A Review On Liquid Formulation Of Phosphorus Solubilizing Bacteria. International Journal of Biology, Pharmacy and Allied Science. 2021;10(4):471-478.
- Badwaik SN, **Upadhyay D**, Andhare P And Prajapati P. A Review On

Characterization Of Microorganism From Municipal Waste. International Journal of Biology, Pharmacy and Allied Science. 2021;10(4):479-487.

- Kumari S, **Upadhyay D**, Andhare P And Prajapati P. Microbial Secondary Metabolites. International Journal of Biology, Pharmacy and Allied Science. 2021;10(4):488-496.
- Deshpande VR, **Upadhyay D**, Andhare P And Prajapati P. Study Of Microbial Growth And Spoilage Found In The Citrus Fruit: A Review. International Journal of Biology, Pharmacy and Allied Science. 2021;10(4):497-504.
- Yadav N, **Upadhyay D**, Marchawala F, Bhattacharya I And Andhare P. Importance Of Bacterial Exopolysaccharides: A Review. International Journal of Biology, Pharmacy and Allied Science. 2021;10(4):115-126.
- Rajan A, Thakur A, Bhattacharya I, **Upadhyay D**, Andhare P, Tatu K and Ramrakhiyani J. Species Richness, Population, & Habitat Utilization by Waterbirds of Balachhadi Coast, Jamnagar, Gujarat. Bulletin of Environment, Pharmacology and Life Sciences. Spl Issue [3] 2022: 41-52.
- Varkey A, **Upadhyay D**, Bhattacharya I, Thakur A and Andhare P. Isolation of PGPR From Rhizospheric Soil: Fixing N, Solubilizing P and K, and Formulation Preparation of Liquid Biofertilizer NPK Inoculants. Bulletin of Environment, Pharmacology and Life Sciences. Spl Issue [3] 2022: 53-58.
- Rathva D, Andhare P, Bhattacharya I, Thakur A and **Upadhyay D**. Synthesis of Silver Nanoparticles from Abrus precatorious. Bulletin of Environment, Pharmacology and Life Sciences. Spl Issue [3] 2022: 74-77.
- Bilwal H, Bhattacharya I, **Upadhyay D**, Andhare P, Gaur S and Thakur A. Study on efficacy of sequential Batch Reactor for Sewage water treatment. . Bulletin of Environment, Pharmacology and Life Sciences. Spl Issue [3] 2022: 88-90.
- Mann H, **Upadhyay D**, Bhattacharya I, Thakur A and Andhare P. Isolation and Screening of Heavy Metal Resistant Bacteria from Industrial Effluent. Bulletin of Environment, Pharmacology and Life Sciences. Spl Issue [3] 2022: 91-96.
- Patel K, **Upadhyay D**, Bhattacharya I, Thakur A and Andhare P. Use Copper Nanoparticles as an Antimicrobial Therapy. Bulletin of Environment, Pharmacology and Life Sciences. Spl Issue [3] 2022: 126-129.
- Koli M, Thakur A, Bhattacharya I, **Upadhyay D**, Andhare P and Ramrakhiyani J. Physico – Chemical Analysis of Gotri Lake, Vadodara. Bulletin of Environment, Pharmacology and Life Sciences. Spl Issue [3] 2022: 130-132.

- Vala V, Andhare P, Bhattacharya I, Thakur A and **Upadhyay D**. Isolation and Optimization of Alkaline Amylase from Marine Bacteria. Bulletin of Environment, Pharmacology and Life Sciences. Spl Issue [3] 2022: 160-165.
- Bhowmick P, **Upadhyay D**, Bhattacharya I, Joshi H, Joshi H, Thakur A and Andhare P. Isolation of L. Acidophilus and Formation of Probiotic Coconut Water. Bulletin of Environment, Pharmacology and Life Sciences. Spl Issue [3] 2022: 144-149.
- Bhullar J, **Upadhyay D**, Bhattacharya I, Thakur A and Andhare P. Isolation of KSB, PSB, and NFB and Preparation Of Bio-Formulation. Bulletin of Environment, Pharmacology and Life Sciences. Spl Issue [3] 2022: 108-113.
- Patel K, **Upadhyay D**, Bhattacharya I, Thakur A and Andhare P. Isolated Actinomycetes from Soil. Bulletin of Environment, Pharmacology and Life Sciences. Spl Issue [3] 2022: 114-118.
- Lata K, Thakur A, Bhattacharya I, **Upadhyay D**, Andhare P and Patel A. Implementation of Environment Management System as per ISO 14001:2015 at Chemical Manufacturing Industry. Bulletin of Environment, Pharmacology and Life Sciences. Spl Issue [3] 2022: 133-135.
- Joshi H, **Upadhyay D**, Bhattacharya I, Thakur A, Bhowmick P and Andhare P. Formation of Yogurt by Lactic acid bacteria with Addition of Vitamin B12. Bulletin of Environment, Pharmacology and Life Sciences. Spl Issue [3] 2022: 104-107.
- Some D, **Upadhyay D**, Bhattacharya I, Thakur A and Andhare P. Exopolysaccharide Production Optimization by Solid State Fermentation for Bacteria. Bulletin of Environment, Pharmacology and Life Sciences. Spl Issue [3] 2022: 154-159.
- Vyas G, Thakur A, **Upadhyay D**, Andhare P and Bhattacharya I. Effects of zinc oxide nanoparticles on the physiology of two to four leaf stage hydroponically adapted seedlings of “Vigna Radiata”. Bulletin of Environment, Pharmacology and Life Sciences. Spl Issue [3] 2022: 83-87.
- Patel F, Patel H, **Upadhyay D**, Bhattacharya I, Thakur A and Andhare P. Enzyme and Yeast Added Fruit Juice Extraction and Clarification. Bulletin of Environment, Pharmacology and Life Sciences. Spl Issue [3] 2022: 78-82.
- Shah K, Andhare P, Bhattacharya I, Thakur A and **Upadhyay D**. Biodegradation of Azo Dye (Congo Red) by Bacterial Isolate from the Textile Effluent Contaminated Soil. Bulletin of Environment, Pharmacology and Life Sciences. Spl Issue [3] 2022: 119-125.

- Aghera M, Aghera R, Thakur A , **Upadhyay D**, Andhare P and Bhattacharya I. Activation of Oncogenic and Non-Oncogenic interlinked Pathways when PTEN gene is mutated in Breast Invasive carcinoma of Pancancer Atlas Metadata. *Bulletin of Environment, Pharmacology and Life Sciences*. Spl Issue [3] 2022: 136-143.
- Gohil B, Thakur A , Bhattacharya I, **Upadhyay D**, Andhare P and Patel H. A Study on Air Conditioning in Personal Protective Equipments. *Bulletin of Environment, Pharmacology and Life Sciences*. Spl Issue [3] 2022: 66-73.
- Joshi H, **Upadhyay D**, Bhattacharya I, Thakur A, Joshi H, Bhowmick P and Andhare P. Production of Liquid Biofertilizer and It's Effect on Plant Growth. *Bulletin of Environment, Pharmacology and Life Sciences*. Spl Issue [3] 2022: 97-103.
- Pal, M., Tariku, F., **Upadhyay, D.**, & Zende, R. (2024). Current Innovations in the Diagnosis and Immunization of Emerging and Re-Emerging Zoonoses. *American Journal of Epidemiology*, 12(2), 23-28.
- Pal, M., Tariku, F., & **Upadhyay, D.** (2024). Candida auris: an emerging life-threatening fungal pathogen of global public health concern. *J Bacteriol Mycol Open Access*, 12(2), 40-43.
- Pal, M., **Upadhyay, D.**, Regassa, M., & Rabuma, T. (2024). A comprehensive review on antibacterial activity of Aloe barbadensis and Ocimum gratissimum against selected bacterial pathogens of public health concern. *Journal of Advances in Microbiology Research*, 5(1), 88-95.
- Pal, M., Tariku, F., **Upadhyay, D.**, & Zende, R. (2024). Middle East Acute Respiratory Syndrome: A Sworn Enemy of Public Health. *American Journal of Infectious Diseases*, 12(3), 67-73.
- **Upadhyay, D.**, Wadhwa, D., & Jyothi, S. R. (2022). Assessment of Yoga Benefits for Better Cardiac Health among the Patients of Coronary Artery Disease and Myocardial Infarction. *Cardiometry*, (24), 333-338.

Book:

- **Upadhyay, D.**, Gaur, A., Minaxi, M., Upadhye, V., & Andhare, P. (2023). Phytochemicals: recent trends and future prospective in COVID-19. *Recent Frontiers of Phytochemicals*, 511-533.

- Abdi, G., Andhare, P., Kumar, H., **Upadhyay, D.**, Tariq, M., Jain, M., & Tarighat, M. A. (2024). Exploring the Genomic Symphony: A Comprehensive Analysis of Transcriptomics and Their Profound Significance in Unraveling Cellular Dynamics. In *Advances in Genomics: Methods and Applications* (pp. 73-90). Singapore: Springer Nature Singapore.

Awards/Recognitions:

- Best Young Researcher Award from the Government of Rajasthan– 2023.
- Advisory Committee Member of FortMcMurray Cleaning Company, Canada-2023-2026
- Certificate of Appreciation, Lions Club International- 2024
- Certificate of Appreciation, Bar Association Council- 2024
- Life Membership of Indian Science Congress Association.
- Editor of the Book: *Frontiers in Life Science Volume V* (ISBN: 978-93-91768-54-6) published by Bhumi Publications.
- Reviewer of “Philippine Journal of Science” (Indexed in Scopus, Web of Science, UGC etc.).