

Gunjan Goel (MSc, PhD)

Professor

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Research Interests: Food Biotechnology, Gut Microbial Ecology, Food nutraceuticals

Teaching Interests: General Microbiology, Food Microbiology, Biostatistics and Bioinformatics, Biosafety, Bioethics and IPR

Career:

Professor, Department of Microbiology, CUH (Aug 2021-Present)

Associate Professor, Department of Microbiology, CUH (Aug 2018- Aug 2021)

Associate Professor, Department of Biotechnology and Bioinformatics, JUIT (2016-2018)

Assistant Professor, Department of Biotechnology and Bioinformatics, JUIT (2012-2016)

Assistant Professor, Department of Biotechnology, MMU, Mullana (2010-2012)

Postdoctoral Scientist, University of Ghent, Belgium (2008-2010)

Postdoctoral Fellow, University of Hohenheim, Germany (2006-2007)

Education:

PhD from ICAR-National Dairy Research Institute (2006)

MSc from Kurukshetra University, Kurukshetra (2000)

Research Profile:

Citations: 3228 (h index- 27, i10 index- 46) ([Gunjan Goel - Google Scholar](#))

Publications: 85 (Research papers: 74; Book Chapters: 11; Books: 1)

Research Grants = 6 (completed as PI), 3 (ongoing as PI)

Scholar Guidance: Postdoctoral (2 completed, 1 ongoing), Ph.d (4 completed, 3 ongoing)

Selected Publications:

Chakravarty, A., Tandon, M., Attri, S., Sharma, D., Raigond, P. and **Goel, G.** (2021) Structural characteristics and prebiotic activities of resistant starch from *Solanum tuberosum*: Kufri Bahar, a popular Indian tuber variety. *LWT*, 145, p.111445

Mahajan R, Chandel S, Puniya AK, Goel G. (2020) Effect of pretreatments on cellulosic composition and morphology of pine needle for possible utilization as substrate for anaerobic digestion. *Biomass and Bioenergy*, 141

Sharma K, Poornachitra M, Balamurugan K, Goel G. (2019) Probiotic mediated colonization resistance against *E.coli* infection in experimentally challenged *Caenorhabditis elegans*. *Microbial Pathogenesis*, 129:39-47

Attri S and **Goel G.** (2018) Influence of polyphenol rich seabuckthorn berries juice on release of polyphenols and colonic microbiota on exposure to simulated human digestion model, *Food Research International* 111: 314-323

Singh N., Patil A, Prabhune A, Raghav M, **Goel G.** (2017) Diverse profiles of N-acyl-homoserine lactones in biofilm forming isolates of *Cronobacter sakazakii* Virulence. 3: 275-281

Member of Scientific Societies:

Association of Microbiologists of India (Life Member)

Probiotic Association of India (Life Member)

Peer Recognition:

Best Researcher Award, CUH, CUH, Mahendergarh

Best Paper presentation awards at AMI-2019, Biorestec-2018 etc.

Editorial Board Member of *Frontiers in Microbiology*