



Dr. Chandra Has,

Assistant Professor, Chemical Engineering

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Education

PhD – IIT Bombay

Thesis titled “Studies on the formation and clustering of liposomes using stationary phase interdiffusion method”

M.Tech – IIT Bombay

B.Tech – HBTI Kanpur

Key Skills

Dr. Chandra Has is capable of providing comprehensive solutions to industry and other government bodies in the following areas:

1. Liposomes formulation for drug delivery system.
2. Proteins/peptides interactions with lipid membranes in order to develop antimicrobial drugs.
3. Scientific writing (and designing template) using LaTeX.

Background

Joined GSFC University in September 2022.

Scholarship and Accomplishments

Dr. Chandra Has is currently working as an assistant professor as GSFC University, India. He is a proficient researcher and his research areas include biophysics and colloid science. He received his PhD from IIT Bombay in the year 2018. In PhD, Dr. Chandra Has developed a novel rapid technique of liposomes formulation for drug delivery system. After PhD, he joined IIT Palakkad (Kerala) as a PostDoc researcher and worked on protein-membrane interactions for developing antimicrobial drugs. Dr. Chandra Has got published 14 international research/review papers in reputed peer-reviewed journals with high impact factor. He participated several national and international conferences/seminars. He received best paper award in one international conference held at IIT Bombay. He has also guided 2 PhDs, several masters, undergraduates, and interns in their academic research work and assisted them to receive their degrees. He is also a reviewer of the prestigious journals like *Colloids and Interface*

Science Communications, and Frontiers in Chemistry. It is also mentioned that Dr. Chandra Has cleared the GATE entrance exam in 2010 with AIR 183 in the discipline of chemical engineering.

Most Three Notable Publications

1. Has, C., and P. Sunthar. "A comprehensive review on recent preparation techniques of liposomes." *Journal of liposome research* 30.4 (2020): 336-365.
2. Has, Chandra, Sopan M. Phapal, and P. Sunthar. "Rapid single-step formation of liposomes by flow assisted stationary phase interdiffusion." *Chemistry and physics of lipids* 212 (2018): 144-151.
3. Has, Chandra, and P. Sunthar. "Colloidal fingering in miscible liquids." *Colloid and Interface Science Communications* 41 (2021): 100368.