

<b>NAME</b>	Dr. Shefali Gola		
<b>DESIGNATION</b>	Assistant Professor - III		
<b>EMAIL ID</b>	sgola@amity.edu		
<b>CONTACT NUMBER</b>	9968444832		
<b>RESEARCH INTERESTS</b>	Toxicology		
<b>EDUCATIONAL QUALIFICATIONS:</b>			
Name of College / University	Degree	Year	
Defense Institute of Physiology & Allied Sciences, DRDO (Bharathiar University)	Ph.D. Life Science	2014	
Amity University	M.Sc. Forensic Science	2007	
Delhi University	B.Sc. Life Science	2005	
<b>Title of Ph.D. thesis:</b>			
<b>EXPERIENCE (in chronological order): Total 7Years Research &amp; Teaching</b>			
Designation	Type of post held (teaching/ research)	Name of the Institute	Year (From – To)
Assistant Proessor II	Teaching	GD Goenka University	2016-2022
Research Associate	Research	Institute of Nuclear Medicine and Allied Sciences, DRDO	2015-2016
Assistant Professor I	Teaching	Galgotias University	2013-2015
<b>No. of Ph.D. students supervised</b>	NIL		
<b>No. of Post-Doc</b>	NIL		
<b>No. of M.Tech. Students supervised:</b>	Approx. 25-30		
<b>No. of B.Tech. Students supervised:</b>	Approx. 50-60		
<b>PUBLICATIONS</b> (mention total no. here) 10 Research articles 1 Book Chapter	<b>Details:</b> <ol style="list-style-type: none"> <li>1. Kumari R and <b>Gola S*</b>. (2022) Application of fundamentals and technological development of handedness in forensic handwriting examination in criminal investigation. <i>International Journal of Criminal Justice Sciences</i>. (Accepted, Manuscript ID: 21M-09-005)</li> <li>2. Gullaiya J and <b>Gola S*</b>. (2021) Preservation of biological tissue samples and their effective DNA extraction. <i>International Journal of Life Sciences</i> 9 (1): 21-33.</li> <li>3. Nagraj A, Arora H and <b>Gola S</b>. (2018) Medical Services and Corporate Social Responsibility (CSR) approach in rural areas of Haryana. <i>International Journal of Recent Research</i></li> </ol>		

	<p><i>Aspects</i> 5 (2): 10-15.</p> <ol style="list-style-type: none"> <li>4. <b>Gola S</b>, Gupta A, Keshri G K, Nath M, Velpandian T. (2016) Evaluation of hepatic metabolism and pharmacokinetics of ibuprofen in rat under chronic hypobaric hypoxia for targeted therapy at high altitude. <i>Journal of Pharmaceutical and Biomedical Analysis</i> 121: 114-122.</li> <li>5. Keshri G K, Gupta A, Jain K, Suryakumar G, Sharma P, <b>Gola S</b>, Yadav A, Verma S, Ganju L. (2015) Sea buckthorn (<i>h. Rhamnoides</i>l.) mediated acute hypoxic tolerance in the skeletal muscle of rats by differential activation of energy metabolism and enhanced antioxidants. <i>International Journal of Pharmaceutical Sciences and research</i> 6 (12): 5259-5272.</li> <li>6. Gupta A, Keshri G K, Yadav A, <b>Gola S</b>, Chauhan S, Salhan A K, Singh S B. (2014) Superpulsed (Ga-As, 904 nm) low-level laser therapy (LLLT) attenuates inflammatory response and enhances healing of burn wounds. <i>Journal of Biophotonics</i> 1–13.</li> <li>7. Gupta A, Kirar V, Keshri G K, <b>Gola S</b>, Yadav A, Negi P S, Misra K. (2014) Wound Healing Activity of an Aqueous Extract of the Lingzhi or Reishi Medicinal Mushroom Ganoderma lucidum (Higher Basidiomycetes). <i>International Journal of Medicinal Mushrooms</i> 16 (4): 345–354.</li> <li>8. <b>Gola S</b>, Keshri G K, Gupta A. (2013) Hepatic metabolism of ibuprofen in rats under acute hypobaric hypoxia. <i>Experimental and Toxicologic Pathology</i> 65 (6): 751-758.</li> <li>9. <b>Gola S</b>, Malhotra A S, Gupta A. (2011) RP-HPLC of Ibuprofen in plasma using different extraction procedures. <i>International Journal of Biomedical Research</i> 2 (6): 353-358.</li> <li>10. <b>Gola S</b>, Lukose S. (2007) A study of presence of ante-mortem administered drugs and to analyze them in the different stages of insect development. <i>International Journal of Medical Toxicology &amp; Legal Medicine</i> 10 (1): 12-15. Print ISSN: 0972-0448.</li> </ol> <p><b>BOOK CHAPTER</b></p> <ul style="list-style-type: none"> <li>• Gola, S. and Misra, K. (2018). High Altitude Ailments: Causes and Effects. In Misra, K., Sharma, P. &amp; Bhardwaj, A. (Eds), Management of High Altitude Pathophysiology (pp. 9-25). Academic Press.</li> </ul>
<b>PATENTS</b> ( <i>total no.</i> )	<i>Details:</i> NIL
<b>RESEARCH PROJECTS</b> Completed: ( <i>total no.</i> ) Ongoing: ( <i>total no.</i> )	<i>Details:</i> NIL

<p><b>AWARDS &amp; HONOURS/ DISTINCTIONS</b></p>	<p><i>Details:</i></p> <ul style="list-style-type: none"> <li>▪ NESAs Young Scientist of the Year-2018 by National Environmental Science Academy, New Delhi</li> <li>▪ Best Poster Award at 5<sup>th</sup>International Symposium on Drug Metabolism and Pharmacokinetics, India (7-10 March 2013)</li> <li>▪ First prize (Pharmacology) in Poster Presentation at National Conference on Innovations in Ethnopharmacology, Recent Developments in Biological and Chemical Sciences for Societal Benefits, India (1-3 March 2013)</li> <li>▪ Best Poster Award at 2<sup>nd</sup>International Conference and Exhibition on Pharmaceutical Regulatory Affairs, India (23-24 November 2012)</li> <li>▪ Best Dissertation Award in Masters Degree for the years 2005-2007</li> </ul>
<p><b>MEMBERSHIP</b> with Professional/ Academic bodies</p>	<p><i>Details:</i></p> <ul style="list-style-type: none"> <li>○ Life membership of Indian Association of Biomedical Scientists (IABMS)</li> <li>○ Life membership of Indian Pharmacological Society (IPS)</li> <li>○ Life membership of Society of Nuclear Medicine, India (SNMI)</li> <li>○ Life membership of National Environmental Science Academy (NESAs)</li> </ul>