


NAME	Dr Priyanka Chhabra		
DESIGNATION	Assistant Professor II		
EMAIL ID	pchhabra@amity.edu		
CONTACT NUMBER	9818281969		
RESEARCH INTERESTS	Drug development and delivery, Tissue Engineering, Biomaterials, wound healing		
EDUCATIONAL QUALIFICATIONS:			
Name of College / University	Degree	Year	
Institute of Nuclear Medicine and allied Sciences, DRDO, Delhi	Phd Life science	2018	
Bharthiar University, Coimbatore	M.Phil Life science	2012	
Amity University, Noida	M.Sc	2010	
Kurukshetra university	B.sc Bioinformatics	2008	
Title of Ph.D. thesis: Development of significantly cost effective chitosan based formulation(s) for Biomedical application.			
EXPERIENCE (in chronological order): Total 20 Years Research & Teaching			
Designation	Type of post held (teaching/ research)	Name of the Institute	Year (From – To)
Assistant professor	Teaching	Galgotias University	Jan 2019-Sept 2022
Project Associate	Research	Center of Biomedical Engineering, IIT-Delhi	June 2018-dec 2018
Researcher	Research	Institute of Nuclear Medicine and allied Sciences, DRDO, Delhi	April 2016-March 2017
Senior research Fellow	Research	Institute of Nuclear Medicine and allied Sciences, DRDO, Delhi	April 2013-April 2016
Junior Research Fellow	Research	Institute of Nuclear Medicine and allied Sciences, DRDO, Delhi	April 2011-April 2013
No. of Ph.D. students supervised			
No. of Post-Doc	NA		
No. of M.Tech. Students supervised:	8		
No. of B.Tech. Students supervised:	4		
PUBLICATIONS (22)	<p>Details: Choudhary, M., Chhabra, P., Tyagi, A., & Singh, H. (2021). Scar free healing of full thickness diabetic wounds: A unique combination of silver nanoparticles as antimicrobial agent, calcium alginate nanoparticles as hemostatic agent, fresh blood as nutrient/growth factor supplier and chitosan as base matrix. <i>International Journal of Biological Macromolecules</i>, 178, 41-52.</p> <p>2. Chhabra P, Chauhan G, Kumar A. Augmented healing of full thickness chronic excision wound by rosmarinic acid</p>		

loaded chitosan encapsulated graphene nanopockets. Drug Development and Industrial Pharmacy. 2020 Jun 2;46(6):878-88.

3. Priyanka Chhabra, Lalita Mehra, Gaurav Mittal, Amit Kumar. A comparative study on the efficacy of chitosan gel formulation and conventional silver sulfadiazine treatment in healing burn wound injury at molecular level. Asian Journal of pharmaceuticals. July-Sep 2017.Vol 11 (3) ,489

4. Chhabra, P., Tyagi, P., Bhatnagar, A., Mittal, G., & Kumar, A. (2016). Optimization, characterization, and efficacy evaluation of 2% chitosan scaffold for tissue engineering and wound healing. Journal of Pharmacy & Bioallied Sciences, 8(4), 300.

5. Ambrish Kaushal and Priyanka Chhabra. "Does blood group identify lip prints?" International Journal of Dental Research & Development 2250-2386; vol - 11, Issue - 2; 2021

6. Smasher Bhadur, Priyanka Chhabra. "Persistence and Detection of Organic Gunshot Residue in A Forensic Investigation: A Review Indian Journal of Forensic Medicine and Pathology. Volume 14 issue 2 Apr-Jun 202, 367-373

7. Sudhanshu sawhney, Kajol Bhati, Priyanka Chhabra. Role of Nanotechnological Techniques in Fingerprints Enhancement: A Review. Indian Journal of Forensic Medicine and Pathology. Volume 14 issue 2 Apr-Jun 202. 288-294

8. Sudhanshu sawhney, Unnati, Kajol, Priyanka Chhabra Comparative study on touch DNA extraction method. Indian Journal of Forensic Medicine and Pathology. Volume 14 issue 2 Apr- Jun 2021, 374-378.

9. Kajol Bhati, Divya Tripathi, Priyanka Chhabra. Role of Fluorescence Substances in Development of Latent Fingerprints. Indian Journal of Forensic Medicine and Pathology. Volume 14 issue 2 Apr-Jun 2021.351-358

10. Akshra Johri, Kajol Bhati, Priyanka Chhabra. Bio-Polymeric Nanoparticles for Prospective Forensic Applications: A Futuristic Approach. Indian Journal of Forensic Medicine and Pathology. Volume 14 issue 2 Apr-Jun 2021.174-180.

11. Ibrahim and Priyanka Chhabra. Review on African Y-STR Haplotyping and Y Chromosome Profiling. Indian Journal of Forensic Medicine and Pathology. Volume 14 issue 2 Apr-Jun 2021.379-387.

12. Prince sharma and priyanka Chhabra "Fungal succession on carrion to determine the Post mortem interval: A Forensic mycology. Indian Journal of Forensic Medicine and Pathology. Volume 14 issue 2 Apr-Jun 2021.231-236.

	<p>13. Lalita Mehra, Priyanka Chhabra, Amit Kumar, Aseem Bhatnagar, Yasha Hasija, and Gaurav Mittal. “Preclinical evaluation of Di-sodium Alpha ketoglutarate against Isoniazid-Rifampicin Induced Hepatotoxicity” Int’l Journal of Advances in Chemical Engg., & Biological Sciences (IJACEBS) Vol. 3, Issue 1 (2016) ISSN 2349-1507 EISSN 2349-1515.</p> <p>14. Priyanka Chhabra, Gaurav Mittal, Aseem Bhatnagar, Amit Tyagi. “Chitosan Scaffold for Wound Healing Application”. International Conference of Biotechnology, Nanotechnology and Environmental Engineering.(ICBNE’15) at Bangkok, Thailand from April 22-23, 201</p> <p>15. Priyanka Chhabra, Surbhi Saraf, Rashid Ali, Harish Rawat, Gaurav Mittal, Aseem Bhatnagar, Sitanshu shekhar lahiri, Amit kumar. “Development and evaluation of freezing resistant intravenous fluid International Journal of Pharmacy and Pharmaceutical Sciences” .Vol 6, Issue 10, 2014.</p> <p>16. Priyanka Chhabra and Rejet Paul M.P. “Microcrystal test for the detection of alkaloids of Datura fastuosa and Glycosides of Nerium odorum and Calatropis gigantea” Malaysian journal of forensic sciences, Volume 2, Issue 1,2,2011</p> <p>Book chapters</p> <p>1. Chhabra P, Bhati K. Bionanomaterials: Advancements in Wound Healing and Tissue Regeneration. In: Aghaei DS, editor. Recent Advances in Wound Healing [Working Title] [Internet]. London: IntechOpen; 2021 [cited 2022 Feb 01]. Available from: https://www.intechopen.com/online-first/76237 doi: 10.5772/intechopen.97298</p> <p>2. Kumar, A., Chhabra, P., Yadav, V. and Srinivasan, R., 2021. 10 Novel Nanosurfactants and their Industrial Applications. <i>Surfactants from Renewable Raw Materials</i>, p.183.</p> <p>3. Chhabra, Priyanka, Kajol Bhati, and Sneha Yadav. "Sexual Offences: Recent Methods of Investigation." In <i>Crime Scene Management within Forensic Science</i>, pp. 155-183. Springer, Singapore, 2022</p> <p>4. Sawhney, S., Johri, A. and Chhabra, P., 2022. Firearms and Ammunitions: A Sentient Approach to Criminal Investigation. In <i>Crime Scene Management within Forensic Science</i> (pp. 241-265). Springer, Singapore.</p>
<p>PATENTS (I.)</p>	<p>Details:202241053351, Benzoylation of Coconut Inflorescence Fiber towards development of Sustainable Composite Materials, Sept 2022, Published 23/09/2022. Divya Bajpai Tripathy, Dr Tushar Raghunath Shinde, Ashutosh Pandey, Shanthosh V, Seshanivash S, Abhishek Bhadola, Dhiksha Mathanagopal, Kajol Bhati, Rajeev Kumar, Priyanka Chhabra</p>

RESEARCH PROJECTS Completed: (<i>total no.</i>) Ongoing: (<i>total no.</i>)	<i>Details:NA</i>
AWARDS & HONOURS/ DISTINCTIONS	<i>Details:</i> 1. Research Award by Galgotias University, Greater Noida in Jan 2022 2. Best poster award. Meenakshi Chaudhary, Priyanka Chhabra , Harpal Singh. Development of antimicrobial and hemostatic agent loaded polymeric hydrogels for efficient diabetic wound healing. Presented at NANOBIOOTEK-2018, 3red Annual conference of Indian society of nanomedicine AIIMS, New Delhi 24th-27th October 2018 3. Research fellowship award UGC-NET-JRF by UGC in June 2010
MEMBERSHIP with Professional/ Academic bodies	<i>Details:</i>