


Name of the Teaching Staff	POONAM ANIL MOON			
Designation	Assistant Professor			
School / Department	SSAMM / Applied Chemistry			
Date of Joining the Institution	2/09/2022			
Qualification with Class / Grade	UG	PG	Ph.D.	
	Bachelor of Science in Forensic Science	Master of Science in Forensic Science	Forensic Science (Pursuing)	
Value Additions	<ul style="list-style-type: none"> <li>• NTA UGC NET DEC-2019 in Forensic Science.</li> <li>• NTA UGC NET JUNE-2019 in Forensic Science.</li> <li>• CBSE-UGC-NET JULY-2018 in Forensic Science.</li> </ul>			
Area of Specialization	Forensic Science, Forensic Chemistry & Toxicology, Forensic Biology and Serology			
Research Interests	Forensic Science, Forensic Chemistry & Toxicology, Forensic Biology & Serology			
Subjects Teaching	Under Graduate		Post Graduate	
	Crime and Society Fundamentals of Forensic Science Lab		Forensic Tools & Techniques Forensic Chemistry Lab Question Document & Fingerprint Analysis Lab	
Total Experience in Years	Teaching	Industry	Research	
	1 year 10 months	9 months	2 years	
Papers Published	National	-	International	-
Papers Presented in Conference	National	02	International	03
Conferences / Symposiums / Seminars / Workshops Participated	National	12	International	03
FDP / STTP / MDP / Summer / Winter School attended	01			
M.Phil. / Ph.D. Guide ship	Field		University	
	-		-	
Ph.D. Projects Guided	Ph.D.s	-	Project at Master's Level	-
Professional Memberships	-			
Consultancy Activities	-			

Awards & Honours	<ul style="list-style-type: none"> <li>• 3<sup>rd</sup> Prize in Paper Presentation (Title: Use of Nanoparticles for the Development of Latent Fingerprints) at 4<sup>th</sup> International e-Conference on “Fingerprint Analysis” Conducted on 24<sup>th</sup> and 25<sup>th</sup> April 2021 organized by “International Association of Scientists and Researchers”</li> <li>• 1<sup>st</sup> Prize in Poster Presentation (Titled: Grey Death) at One Day National Conference on ‘The Role of Science and Technology in Crime Prevention’ organized by B. T. Institute of Excellence, Sagar and The Indian Science Congress Association, Sagar-Chapter, in association with The State Forensic Science Laboratory, Sagar. (2019).</li> <li>• Shortlisted for incubation at ‘Innovation Hub at the Raman Science Center, Nagpur under the NAVIN project’ organized by Raman Science Center.</li> <li>• 1<sup>st</sup> Prize for best poster (Titled: X-rays in Forensic science) at National Seminar on ‘Corporate Forensics and Intellectual Property Rights organized by Govt. Institute of Forensic Science, Nagpur. (2019)</li> <li>• 2<sup>nd</sup> Prize for best poster presentation (Titled: Forensic identification of sex from fingerprint) at ‘CHIASMA’ organized by Ahmedabad University, Ahmedabad.</li> </ul>
Grants Fetched	-
Interaction with Professional Institutions	-
Educational Details	<p>B.Sc. – Bachelor of Science in Forensic Science. Government Institute of Forensic Science, Nagpur, Maharashtra. Rashtrasant Tukadoji Maharaj Nagpur University.</p> <p>M.Sc. – Master of Science in Forensic Science. Government Institute of Forensic Science, Nagpur. Rashtrasant Tukadoji Maharaj Nagpur University</p> <p>M.Phil. –</p> <p>Ph.D. – (Pursuing) Forensic Science, Karunya Institute of Technology and Sciences, Coimbatore, Tamil Nadu.</p>
Experience	<ul style="list-style-type: none"> <li>• Assistant Professor, Department of Forensic Science at G. H. Rasoni University, Amravati, Maharashtra. (1 year 10 months)</li> <li>• Scientific Officer at Sherlock Institute of Forensic Science, New Delhi.(9 months)</li> </ul>
Contact Details	<p>Room No: EE110 Building: SSAMM Mobile: 9373439852 Intercom: E-mail: <a href="mailto:poonamanil@karunya.edu">poonamanil@karunya.edu</a>, <a href="mailto:moonpoonam28@gmail.com">moonpoonam28@gmail.com</a></p>

Google Scholar link:  
<https://scholar.google.com/citations?user=eMWFyjAAAAAJ&hl=en&authuser=2>  
Webpage(if any)

### **Papers Published**

#### **Papers Presented in Conference**

- **‘Detection of Pesticides In Different Food Matrices And Their Impact On Human Health: A Review’** presented at the 9th International eConference on “Forensic Chemistry & Toxicology” conducted on 29th & 30th September 2021 organized by “International Association of Scientists and Researchers” (2021)
- **‘Use of Nanoparticles For The Development of Latent Fingerprints’** presented at 4<sup>th</sup> International eConference on “Fingerprint Analysis” Conducted on 24th and 25th April 2021 organized by “International Association of Scientists and Researchers”
- **‘Common Characteristics of Disguised Signatures: A Preliminary Study’** presented at 3<sup>rd</sup> International eConference on “Document Examination” Conducted on 27th and 28th March 2021 organized by “International Association of Scientists and Researchers” (2021)
- **‘Preliminary stability Study of  $\alpha$ - Amylase Activity on Different Surfaces’** presented at two days National Students Conference 2019 on Emerging Trends in Fundamental Sciences jointly organized by the Institute of Science and Institute of Forensic Science, Nagpur (2019).
- **‘Age Estimation From Tooth’** presented at one day National Seminar On ‘Integrated Forensic Science And Society For Awareness Against Crime’ organized by Department of Forensic Science, Guru Ghasidas Vishwavidyalaya (A Central University), Bilaspur (Chhattisgarh) (2018)

#### **Patents**

#### **Books / Book Chapters**

- Poonam Moon, Badiye A, Landge S, et al. Forensic Applications of Darkfield Microscope. In: Shukla RK, Kapoor N, Badiye A, eds. Forensic Microscopy. 1st ed. CRC Press; 2022:210-218. doi:10.4324/9781003120995-16
- Badiye A, Kharoshah M, Poonam Moon, et al. Forensic Applications of Phase-Contrast Microscope. In: Shukla RK, Kapoor N, Badiye A, eds. Forensic Microscopy. 1st ed. CRC Press; 2022:227-236. doi:10.4324/9781003120995-18

#### **Research Group Members**