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Email ID	skumar47@amity.edu
Contact Number	9555553653
Designation	Lecturer
Department	Amity International Centre For Post Harvest Technology And Cold Chain Management,Amity University,Noida

Area of Interest:

- Shelf Life and quality enhancement of fruits and vegetables using edible coatings.
- Extraction ,Characterization and utilization of biochemical compounds from agro waste.

Educational Qualification:

Degree	Specialization Subjects	Year	University
*Ph.D	Post Harvest Technology	2017	Noida International University,Gr.Noida,Uttar Pradesh
M.Sc	Biotechnology	2009	Bangalore University,Bangalore
B.Sc	Biotechnology	2007	Bangalore University,Bangalore
XII(B.I.E.C)	PCB	2002	Bihar Intermediate Education Council,Patna
X(C.B.S.E)	-	2000	B.D.Public School,Patna

***Title of Ph.D thesis: Studies to Enhance the Shelf life of Banana and Tomato Using Aloe vera based Herbal coatings**

Professional Experience (Teaching and Research)

Designation	Type of Post held(teaching/research)	Name Of Organisation	Year(From-To)
Lecturer	Teaching and Research	AICPHT & CCM,Amity University,Noida	2018-till date
Teaching Assistant	Teaching and Research	AICPHT & CCM,Amity University,Noida	2016-2018
*Research Assistant	Teaching and Research	AICPHT & CCM,Amity University,Noida	2013-2016
<p>*US Funded Project: RipeLock Technology Validation For Indian Mango, Banana and Papaya.</p> <p>*To Evaluate the Effect of RipeLock Technology on Cold Storage Storability, Extension of Dominant or Better Economic Value of Indian Fruits Varieties Followed by Progression of Normal Events of Ripening.</p> <p>*Responsibility:Monitoring,Evaluation,Data Compilation,Scientific Report Making</p>			
No.of M.Sc students supervised		Awarded: (no.only):05 Ongoing:(no.only):04	<ul style="list-style-type: none"> • Research Area: Shelf Life and quality enhancement fruits and vegetables • Agricultural Food Waste Utilization
Publications (Paper/Book Chapter)	1.Kumar Simple and Girish N.Mathad 2019:Book Chapter:Utilization of fruit peels as edible packaging material" has been accepted for publishing a book by IK		

	<p>International titled "Concepts and innovations in food industry waste utilization"</p> <p>2. Jaiswal Alok Kumar, Kumar Simple, and Bhatnagar Tripti 2018: Studies to enhance the shelf life of tomato using aloe vera and neem based herbal coating: Journal of Postharvest Technology 2018, 06(2): 21-28</p> <p>3. Mishra Vigya, Dubey Neeru, Kumar Simple and Singh Neha 2017: Book Chapter: Nano-based packaging of fruits and vegetables in book entitled: Strategies for safety and Quality maintenance. Apple Academic Press Book</p> <p>4. Kumar Simple and Bhatnagar Tripti, Mishra Vigya 2016 "Effect of plant natural extract coatings on post harvest quality and shelf life of tomato" Published in Journal of Plant Development Sciences Vol. 8(9)</p> <p>5. Kumar Simple and Bhatnagar Tripti, 2015 "Role Of Aloe Vera Gel Coatings in Prolonging Shelf life of Banana" Published in Journal of Plant Development Sciences Vol. 7(6): 533-537.</p> <p>6. Kumar Simple and Vigya Mishra 2015, "Potential of Nanotechnology in Food Packaging and Safety in the Future Published in Proceedings of All India Seminar on Food Security-Issues and Challenges Feb 2015, Organised by Delhi State Centre, New Delhi.</p> <p>7. Kumar Simple and Bhatnagar Tripti, 2014 "Studies to Enhance the Shelf Life of Fruits using Aloe Vera based Herbal Coatings", A Review in International Journal of Agriculture and Food Science Technology IISN 2249-3050, Vol 5, Number 3(204) PP 211-218</p> <p>8. Kumar Simple and Bhatnagar Tripti, 2014 "Effect of edible and Aloe vera based herbal coatings on quality and shelf life of fruits and vegetables", a review Published in International Journal of Food and Nutritional Sciences (IJFANS) Volume 3 Issue 2</p>
Abstracts	<p>1. Marisha Baurai, Amisha Sharma and Simple Kumar 2019 Food Security in Global Scenario: Future and Challenges: National Conference on Functional Foods-Research, Innovations and Challenges</p> <p>2. Pavanakumar and Simple Kumar 2019 Effect of Starch based coatings on storage life of Sapota: National Conference on Functional Foods-Research, Innovations and Challenges</p> <p>3. Mishra Vigya and Kumar Simple 2015, "Under Exploited Food Crops: Ensuring Food and Nutritional Security" in the Future Published in Proceedings of All India Seminar on Food Security-Issues and Challenges Feb 2015, Organised by Delhi State Centre, New Delhi.</p>

Workshops/Seminar/Conferences/Academic Activities

Participation	National (no. only)	International (no. only)	Organised by reputed govt and private Institutions DST, CSIR, Delhi State Centre, TATAA Biocenter Sweden, Polyclone Bioservices India, Amity University, The University of Western Australia etc..	Year (From-To)
Conferences	05	03		2009-till date
Seminar	02	-		
Workshop	01	02		

Activities	No.only	Title	Organisation/Region
Technical Speaker	01	Potential of Nanotechnology in Food Packaging and Safety	All India Seminar on Food Security organized by Delhi State Centre,2015
Training	01	Microbial Analysis of Milk and Milk Products	Patna Dairy Project,Patna,2009