NAM				
NAME			Dr. Shashi Sharma	
DESIGNATION			Assistant professor	
EMAIL ID			ssharma@amity.edu	
CONTACT NUMBER			9999310413	
RESEARCH INTERESTS			Fermentation/ bioprocess technology for the production of value-added products – Biosurfactants, Lignin modifying Enzymes and bio-transformations of Endocrine-Disrupting Chemicals	
EDU	CATIONAL	QUALIFICATIONS:		
	Name of C	College/ University	Degree	Year
1.	Kanpur Ur	iversity	BSc.	1994
2.	Kanpur un	iversity	MSc	1996
3.	B. Harcourt Butler Technological Institute, (HBTI), Kanpur		M.Tech	1998
4.	Delhi Univ	versity South Campus, New Delhi	Ph.D	2004
EXPE	ERIENCE	Type of post held	Name of the Institute	Vear (From – To)
Desi		Type of post field	Mame of the institute	$\Gamma \subset a \cap (\Gamma \cap U) \cap = \Gamma \cup I$
Assistant Professor (III)		(teaching/ research)		
Profe	tant essor (III)	(teaching/ research) Teaching/Research	Amity Institute of Biotechnology, Noida	2017- till date
Profe Assis Profe	tant essor (III) tant essor (II)	(teaching/ research) Teaching/Research Teaching/Research	Amity Institute of Biotechnology, Noida Amity Institute of Biotechnology, Noida	2017- till date 2013 – 2017
Assis Profe Assis Profe	tant essor (III) tant essor (II) tant essor (I)	(teaching/ research) Teaching/Research Teaching/Research Teaching/Research	Amity Institute of Biotechnology, Noida Amity Institute of Biotechnology, Noida Amity Institute of Biotechnology, Noida	2017- till date 2013 – 2017 2011- 2013
Assis Profe Assis Profe Lectu	tant essor (III) tant essor (II) tant essor (I) urer	(teaching/ research) Teaching/Research Teaching/Research Teaching/Research Teaching/Research Teaching/Research	Amity Institute of Biotechnology, Noida Amity Institute of Biotechnology, Noida	2017- till date 2013 – 2017 2011- 2013 18 th July, 2011- Nov, 2011
Assis Profe Assis Profe Lectu Guest	tant essor (III) tant essor (II) tant essor (I) irer Lecturer	(teaching/ research) Teaching/Research Teaching/Research Teaching/Research Teaching/Research Teaching/Research	Amity Institute of Biotechnology, NoidaAmity Institute of Biotechnology, NoidaAmity Institute of Biotechnology, NoidaAmity Institute of Biotechnology, NoidaAmity Institute of Biotechnology, NoidaBhaskaracharya College of	2017- till date 2013 – 2017 2011- 2013 18 th July, 2011- Nov, 2011 (2008- 2009) Six months
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Assis Profe Assis Profe Lectu Guest	tant essor (III) tant essor (II) tant essor (I) urer Lecturer	(teaching/ research) Teaching/Research Teaching/Research Teaching/Research Teaching/Research Teaching/Research Teaching	Amity Institute of Biotechnology, NoidaAmity Institute of Biotechnology, NoidaAmity Institute of Biotechnology, NoidaAmity Institute of Biotechnology, NoidaAmity Institute of Biotechnology, NoidaBhaskaracharya College of Applied Sciences & Netaji Subash Institute of	2017- till date 2013 – 2017 2011- 2013 18 th July, 2011- Nov, 2011 (2008- 2009) Six months (2009-2010) One and half year
Assis Profe Assis Profe Lectu Guest	tant essor (III) tant essor (II) tant essor (I) irer Lecturer	(teaching/ research) Teaching/Research Teaching/Research Teaching/Research Teaching/Research Teaching	Amity Institute of Biotechnology, Noida Amity Institute of Biotechnology, Noida Amity Institute of Biotechnology, Noida Amity Institute of Biotechnology, Noida Bhaskaracharya College of Applied Sciences & Netaji Subash Institute of Technology	2017- till date 2013 – 2017 2011- 2013 18 th July, 2011- Nov, 2011 (2008- 2009) Six months (2009-2010) One and half year

Scientist Fellow	Research "Optimization and upscale production of therapeutic protein Superoxide Dismutase (SOD) from recombinant <i>E.coli</i> in a 16 L Applikon Biogentek Bioreactor."	Institute of Himalayan Bioresource Technology, CSIR, Palampur, H.P	Oct, 2004 -Nov,2006	
Project Associate	ResearchCSIR collaborative project of NIIandICGEB"Glycosylinositol phospholipids ofEntamoebahistolytica:IdentificationandStructuralCharacterization"	National Institute of Immunology (NII), New Delhi	1998 –1990	
No. of Ph.D. students supervised	Awarded: (no. only) - One Ongoing: (no. only) - Two			
No. of M.Tech. Students supervised No. of B.Tech. Students supervised	Two Five			
 INTERNATIONAL INTERNATIONAL Joy, S., Khare, S.K., Sharma, S. (2019) Synergistic extraction using sweep and acidification of rhamnolipid produced from industrial lignocellulosic bioreactor using sequential (fill-and-draw) approach. <i>Process Biochem</i>. (In press). Joy, S., Rahman, P.K.S.M., Khare, S.K., Soni, S.R., Sharma, S. (2019 sequential (fill-and-draw) approach to enhance rhamnolipid production lignocellulosic hydrolysate C₆ stream from <i>Achromobact</i>. <i>Bioresource Technology</i> 121494 (LF: 6.67) Joy, S., Rahman, P.K.S.M., Khare, S.K., Sharma, S. (2019) Production and of glycolipid biosurfactant from <i>Achromobacter</i> sp. (PS1) isolate using one (OFAT) approach with feasible utilization of ammonia-soaked lignocell residues. <i>Bioprocess Biosystems Engineering</i> (doi: 10.1007/s00449 (LF: 2.37) Joy, S., Rahman, P.K.S.M., Khare, Sharma, S. (2017) Biosurfactant concomitant hydrocarbon degradation potentials of bacteria isolated fr hydrocarbon contaminated environments. <i>Chemical Engineering Journa</i> (LF: 8.35). Sharma S, Agarwal L & Saxena R.K. (2008). Purification, Immobilizati Characterization of tannase from <i>Penicillium variable. Bioresource Techn</i> 2541. (LF – 6.67). Saxena S & Saxena R.K (2004). Statistical optimization of tannase p <i>Penicillium variable</i> using fruits (Chebulic myrobalan) of <i>Term Biotechnology Applied Biochemistry</i> 39: 99-106. (LF – 1.559) NATIONAL Sharma S and Saxena R. K (2012). Evaluation of the versatility of the tar from <i>Aspergillus niger</i> and <i>Penicillium variable</i> with respect to gallic a gallate ester synthesis, animal feed improvement, tannery effluent degrada stain removal. <i>Research in Biotechnology</i> 3(5): 09-20, ISSN: 2229. 		ing sweep-floc coagulation cellulosic hydrolysate in a <i>Biochemistry</i> (I.F: 2.88) S. (2019) Statistical and coduction using industrial <i>romobacter</i> sp. (PS1). uction and characterization using one-factor-at-a-time lignocellulosic pretreated 07/s00449-019-02128-3) surfactant production and olated from extreme and <i>ng Journal</i> 317, 232–241 mobilization, Kinetics and <i>rce Technology</i> 99: 2544- tannase production from of <i>Terminalia chebula</i> . of the tannases produced o gallic acid production, nt degradation and tannin 29.		

 Sharma S, Agarwal L & Saxena R.K (2007). Statistical optimization of tannase production from <i>Aspergillus niger</i> under submerged fermentation. <i>Indian Journal of Microbiology</i> 47(2): 132-138) (I.F: 1.533).
Book Chapters:
9. S. Joy, T. Butalia, S. Sharma, P.K.S.M. Rahman, Biosurfactant producing bacteria from
hydrocarbon contaminated environment, in: K. Heimann, O.P. Karthikeyan, S.S. Muthu
(Eds.), Biodegradation and Bioconversion of Hydrocarbons, Springer, Singapore, 2017, pp. 259–305.
10. R.K. Saxena, L. Agarwal, K.Dutt, Shashi Sharma et al (2007)."Potential of enzymes in
therapeutic" In Micro for Human Life (Eds Ajit Verma). I.K. International Pvt. Ltd, New
Delhi ,pp 577-588.
11. R.K. Saxena, Rani Gupta, Shashi Saxena and Ruchi Gulati (2001). "Role of Fungal
Enzymes in Food Processing". In Applied Mycology and Biotechnology, Vol 1, 353-386.

PATENTS (total no.)	Details:
RESEARCH PROJECTS Completed : Two	Details Young Scientist DST SERB project (2013-2016) Hydrocarbon degradation and concomitant biosurfactant production from extremophilic micro-organisms using renewable sources with application as antimicrobial agent and in enhanced oil recovery Grant – Twenty three lakhs and sixty thousand
	CSIR (SRF) proposal Statistical Optimization for maximum biosurfactant production from <i>Achromobacter</i> sp. (PS1) using agricultutral feedstock with potential applications. (2018-2020). Under this guided one Ph.D SRF.
AWARDS & HONOURS/ DISTINCTIONS	 Received honorarium for module write up "Bioprocess Engineering" for e – PG -Pathshala, UGC – a MHRD project under its national mission through ICT (NME-ICT). CSIR, Senior Research Fellow (2000-2003) Best poster award: "Purification, immobilization and characterization of tannase from <i>Penicillium variable</i>" in an IUPAC International conference on "Biodiversity and Natural Products: Chemistry and Medical Applicatons" held on 26-31 Jan, 2004 in New Delhi
MEMBERSHIP with Professional/ Academic bodies	 Association of Microbiologists of India Biotechnological society of India Society of Biological Chemists, India