

FACULTY PROFILE



1	Name	Dr. S. NAGARAJU	
2	Present Designation	Assistant Professor	
3	Department	Department of Studies & Research in Biochemistry	
4	Date of Birth	13-01-1979	
5	Date of entry into service in Tumkur University	10-05-2010	
6	Date of entry into the Present Designation	10-05-2010	
7	Residential Address	'Sapthagiri Nilaya', 3 rd Cross, Chethana Badavane, Batawadi, Tumkur - 572103	
8	Mobile Number	9972899901	
9	Email ID	nagaraju@tumkuruniversity.in	
10	PAN No.	ALKPN9641F	
11	Aadhar Card Id No.	5438 7786 2668	
12	Passport No.	F8743846	
13	Academic Qualification		
	Degree	University	Year of Award
a	Post Graduate Degree	University of Mysore	2001
b	M.Phil.	--	--
c	Ph.D.	University of Mysore	2008
	Ph.D. Topic:	Biochemical and pharmacological characterization of spider venom	
	Guided By:	Prof. K. Kemparaju, Professor, DOS in Biochemistry, University of Mysore, Manasagangotri, Mysore.	
14	NET – Year of Passing	--	
15	SLET/KSET – Year of Passing	SLET-2006	
16	Area of Research Specialization	Protein Chemistry, Inflammation, Immunomodulation, Chitosan nanoparticles, Wound healing.	

17	Teaching Experience			
	Designation	From	To	Place
	Assistant Professor	10-05-2013	Present	Department of Studies & Research in Biochemistry, Tumkur University, Tumkur.
	Guest faculty	28-08-2001	30-03-2002	Department of Biochemistry, Yuvaraja's College, University of Mysore, Mysore
18	Administrative Experience			
	Designation	From	To	Place
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19	Research Guidance			
A	Ph.D.	-Nil-		
	Name of Student	Thesis	Year	
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B	M.Phil.	-Nil-		
	Name of Student	Thesis	Year	
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20	Papers Presented/ Lecturers Delivered/ Sessions Chaired in Conference and Symposia (International)		(Tick below)		
	Details		Paper Presented	Lecture Delivered	Session Chaired
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21	Papers Presented/ Lecturers Delivered/ Sessions Chaired in Conference and Symposia (National)		(Tick below)		
	Details		Paper Presented	Lecture Delivered	Session Chaired
	Invited talk on "Rheumatoid Arthritis and current treatment methodologies" at Department of Studies & Research in Chemistry, Tumkur University, Tumkur, April 19 th 2011.			√	
	One day national conference entitled "Molecular Diagnosis" sponsored by Indian Council of Medical Research (ICMR) on 13 th July 2012 at Tumkur University, Tumkur		√		√
	National conference on Snakebite Management, 2 nd annual conference on Toxinological Society of India held at Department of Studies in Biochemistry, Manasagangotri, University of Mysore, Mysore Dec 10-12, 2012.		√		
22	Books				
	Chapters				
	Details				
	1	Nagaraju S, S. Chandra nayaka, A. C. Udaya Shankar, M.P. Raghavendra. <i>Microbial hyaluronidase and its biotechnological applications</i> . Published in <i>Biotechnology of Microbial enzymes</i> . Nova Science Publishers Inc.			
	2	Kemparaju. K., Girish. K. S., Nagaraju. S. <i>"Hyaluronidase: a neglected class of glycosidase from snake venom: beyond spreading property"</i> . To be published in the book "Reptile venom and toxins" published by CRC press Taylor and Francis and edited by Dr. Stephen P Mackessy, School of Biological sciences, University of Northern Colorado, College of Natural and health sciences, School of Biological sciences			

23	Research Publications in Refereed Journals
Details	
1	Nagaraju. S. , Chandra Nayaka and Kemparaju K. Cross reactivity of funnel-web spider antivenom: neutralization of in vitro and in vivo toxicity. (<i>Under review International Immunopharmacology</i>).
2	Christine Konya**, Nagaraju Shivaiah**. , Cornelia M Weyand., Jorg Goronzy., Adaptive CD8 ⁺ CCR7 ⁺ central suppressor T cells are a novel subset of suppressor T cells in humans. (Under review <i>Journal of Immunology</i>).
3	Nagaraju. S. , Kemparaju. K. Purification and characterization of a non-enzymatic neurotoxin from <i>Hippasa partita</i> spider venom gland extract. <i>Journal of Toxins 2013</i> ID 7201507 pages.
4	Mahadeswaraswamy. Y.H., Kumar. M.S., Yashonandana J Gowtham, Nagaraju. S. , Girish. K. S., Kemparaju. K. The polyphenols 3,4,5-Tri-hydroxy benzoic acid inhibits Indian Daboia russelii venom and its hemorrhagic complex induced local toxicity. <i>Current Medicinal Chemistry 2011</i> 11(20): 2520-30.
5	Nagaraju. S. , Girish. K.S., Pan Yi., Easely. K A., Kemparaju. K., Estimation of serum hyaluronidase activity: overcoming the interference of turbidity. <i>Clinical Laboratory Science 2011</i> 24(3): 172-177.
6	Nagaraju. S. and Kemparaju. K. 'Partitagin', a novel β -, γ -fibrinogenase that inhibits platelet aggregation. <i>Blood coagulation and fibrinolysis 2011</i> 22(1): 24-28.
7	Girish. K.S., Kemparaju. K., Nagaraju. S. , Vishwanath. B.S., Hyaluronidase inhibitors: a biological and therapeutic perspective. <i>Current Medicinal Chemistry</i> 16(81), 2261-2288, 2009.
8	Chandrashekara. K. T., Nagaraju. S. , Usha nandini. S., Kemparaju. K., Neutralization of local and systemic toxicity of Daboia russelii venom by <i>Morus alba</i> plant leaf extract. <i>Phytotherapy Research 2009</i> 23(8): 1082-1087.
9	Ushanandini. S., Nagaraju. S. , Nayaka. S. C., Kumar, K.H., Kemparaju. K., Girish, K.S. The antiphididant properties of Anacardium occidentale bark extract. <i>Immunopharmacol. Immunotoxicol. 2009</i> 31(4): 607-615.
10	Mahadeswaraswamy. Y.H., Nagaraju. S. , Girish. K.S., Kemparaju. K., Local tissue destruction and procoagulant properties of <i>Echis carinatus</i> venom: Inhibition by <i>Vitis vinifera</i> seed methanol extract. <i>Phytotherapy research 2008</i> 22(7): 963-969.
11	Devaraja. S., Nagaraju. S. , Mahadeswaraswamy. Y.H., Girish. K.S., Kemparaju. K., A low molecular weight serine protease: purification and characterization from <i>Hippasa agelenoides</i> spider venom gland extract. <i>Toxicon 2008</i> 52(1): 130-138.
12	Nagaraju. S. , Girish. K. S., Fox. J. W., Kemparaju. K., 'Partitagin' a hemorrhagic metalloprotease from Hippasa Partita spider venom: Role in tissue necrosis. <i>Biochimie 2007</i> 89(11): 1322-1331.
13	Nagaraju. S. , Devaraja. S., Kemparaju. K., Purification and properties of hyaluronidase from Hippasa partita (funnel web spider) venom. <i>Toxicon 2007</i> 50(3):383-393.
14	Nagaraju. S. , Mahadeshwaraswamy. Y. H., Girish. K. S., Kemparaju. K., Venom from spiders of genus Hippasa: Biochemical and pharmacological studies. <i>Comparative Biochemistry and Physiology-C 2006</i> 144: 1-9.
15	Ushanandini. S., Nagaraju. S. , Harish Kumar. K., Vedavathi. M., Deepa. M., Kemparaju. K., Vishwanath. B. S., Gowda. T.V., Girish. K. S., The anti snake venom properties of Tamarindus indica (Leguminosae) seed extract. <i>Phytotherapy Research 2006</i> 20: 851-858.
16	Girish. K. S., Deepa. M., Ushanandini. S., Harish Kumar. K., Nagaraju. S. , Govindappa. M., Vedavathi. M., Kemparaju. K., Antimicrobial properties of a non-toxic glycoprotein (WSG) from Withania somnifera (Ashwagandha). <i>Journal of Basic Microbiology 2006</i> . 46 (5): 365-374.
17	Girish. K. S., Shashidhara murthy. R., Nagaraju. S. , Veerabasappa Gowda. T. V., Kemparaju. K., Isolation and characterization of hyaluronidase a "spreading factor" from Indian cobra (Naja naja) venom. <i>Biochimie 2004</i> 86(3): 193-202.
18	Girish. K.S., Mohan Kumari. H.P., Nagaraju. S., Vishwanath. B.S., Kemparaju. K., Hyaluronidase and Protease activities from Indian snake venoms: Neutralization by Mimosa pudica root extract. <i>Fitoterapia 2004</i> 75 (3-4): 378-380.

24	Research Projects			
A	On going			
	Title of Project	Funding Agency	Duration	Amount Sanctioned
	Isolation, characterization and validation of pro-inflammatory enzyme inhibitors from Indian medicinal plant extract.	University Grants Commission	2012-2014 (2 years)	2 Lakhs
	Chitin and Chitosan based nanoparticles in wound healing	Vision Group on Science and Technology, Govt. of Karnataka.	2011-2013 (2 Years)	4 Lakhs
	K-FIST	Vision Group on Science and Technology, Govt. of Karnataka.	2011-2013 (2 years)	40 Lakhs
B	Completed			
	Title of Project	Funding Agency	Duration	Amount Sanctioned
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25	Membership of Professional Organizations			
	Society of Biological Chemists (SBC)			
26	Official Foreign Visits			
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