

Name	SAVITHRI BHAT			
Designation	Professor			
Date of Birth	05/09/1971			
Teaching Experience	17			
Research experience	22			
Education (Post-Graduation onwards & Professional Career)				
Sl No.	Institution	Degree Awarded	Year	Field of Study
1.	CIMAP & NBRI (CSIR); Degree by School of Biotechnology, Devi Ahilya Vishwavidyalaya	PhD	2000	Biotechnology
2.	Lucknow University	MSc	1995	Plant Science
Position and Honors	<ul style="list-style-type: none"> ➤ Gold Medal in Graduation, 1993 and stood 2nd in Post-Graduation, 1995. ➤ Fellowship for PhD, 1995-2000. 			
Position and Employment (Starting with the most recent employment) -				
Sl No.	Institution	Position	From (Date)	To (date)
1.	BMS College of Engineering, Bangalore	Associate Professor & Head	Dec. 2016	Till date
2.	BMS College of Engineering, Bangalore	Lecturer	July 2003	Dec 2016
		Assistant Professor		
		Associate Professor		
3.	AMC , Bangalore	Lecturer	July 2000	June 2003
Honors/Awards	<ul style="list-style-type: none"> ➤ Appreciation award for being part of digital revolution in education by Impartus, 2017. ➤ Best Practice researcher award in International conference & Exhibition on best practices in SWWEM, IISc, 2016. ➤ Best project award under SPP by KSCST 2015-16 series. ➤ Research Invitee for Post Doctorate in National Institute of Health's (NIH), USA, 2009-2010. 			

Professional Experience and Training	5 th Annual meeting of proteomics society India on Medical proteomics.	28 th -30 th Nov. 2013	IISc ,Bangalore
	Biostatistics and Bio-modelling using software tools	July 22 – 26, 2013.	B.M.S College of Engineering, Bangalore
	Outcome Based Education & Preparing Self Assessment Report (SAR)	July 03- 04, 2013	SIT, Tumkur
	Workshop on Curriculum development program organized by the department	25.05.2013	Dept of BT,BMSCE
	PSI MEET	28-30 Nov 2013	IISC Bangalore
	Complete cloning and hybridization techniques	27 th – 31 st 2014	B.M.S College of Engineering, Bangalore
	Bangalore Bio 2014	3-5 th Feb 2014	Bangalore
	Intl conference on engineering education	6 -8 Jan 2015	BMSCE, BLORE
	Project based learning ICTIEE(IUCEE)	7th Jan'2015	Inpods(Pre-conference workshops
	7th Annual meeting of Proteomics Society, India	3-6 Dec 2015	VIT, Vellore
	Conducted one day Symposium on Innovations and Entrepreneurship opportunities in Biotechnology	7 th Nov'2015	BMSCE
	2nd Biologics and Biosimilars characterization workshop	9-11 Dec 2015	NCBS, Bangalore
	FUNDIP-2016	Aug, 5th 2016	BMSCE, Bangalore
	13th Triennial National conference of IWSA on Sustainable development in India: Role of Science and technology	2-4th Dec 2016	IWSA, Mumbai
	FDP on Bimolecular separation techniques	Feb, 27-Mar 3rd 2017	BMSCE Bengaluru
Details of patents filed	A rapid and novel method to determine the size of PCR-amplified DNA, <i>FILED</i> 2013, SAVITHRI BHAT & G SUHASA		

Funding:	<div>1. Savithri Bhat & Divijendranatha Reddy- The Gastrointestinal Immune System in HIV infections GIAN(Global Initiative Academic Networking), MHRD, 5,54,000/- Approved, 2017</div> <div>2. Savithri Bhat -Protein profiling of mammalian cells treated with withanolides to relieve oxidative stress, KSTePS, 20,00,000/- (VGST).</div> <div>3. Savithri Bhat -Variation in expression of beta amyloid protein in SH-SY5Y, 102176/-(TEQIP1.2.1).</div> <div>4. Savithri Bhat, N Prathibha ,Praphulla Rao -Study on application of ginsenosides phytosome nanoparticles for drug delivery system, 116900/- (TEQIP1.2.1)</div> <div>5. Savithri Bhat & N Prathibha Optimization of physico-chemical parameters for the production of peptide antibiotics 5,95,000/--TEQIP1.2.1 & Industry.</div> <div>6. Savithri Bhat & Prathima, Bioremediation of heavy metal contaminated soil using indigenous bacteria and organic amendments KSCST,14000/- (7000 each 2015-16 & 2016-17)</div> <div>7.Savithri Bhat & Praphulla Rao, Optimization of C/N and odor in sample, 20,000/, Aruna Green Ventures.</div> <div>8. Savithri Bhat, Determination of chlorophyll Content in marine sample, ISRO 3000/</div>			
Publications: (2013- till date)	S.No.	Journal	Title	Year of publication
	1.	International Journal of Current Engineering and Technology September 2013 139-142	Stress induced somatic embryogenesis: An alternative technique to enhance production of withaferinA in Indian ginseng (Withania somnifera L.) Dunal,	2013
	2.	Bioinformatics & Proteomics January 2014 Volume 2, Issue 1Pp 1-5	Creation And Designing Of PENN Database For Natural Molecules Effective Against Age Related Disorders	2014
	3.	Cell(2014)158:522-533 31 st July 2014	ER Stress-Induced Clearance of Misfolded GPI-Anchored Proteins via the Secretory Pathway.	2014
	4.	International Review of Applied Biotechnology and Biochemistry, Volume 2, Number 1 (2014), pp.189-196. Oct-2014	In vitro Regeneration and Proliferation of Centella Asiatica from Nodal Explants: Alternative Technique for Germplasm Preservation	2014
	5.	Chem Tech Research February 2015	Synthesis of Ginsenoside nanoparticle and Insilico	2015

			docking & ginsenosides to SOD1 & TARDBP ALS	
	6.	International Journal of software & hardware research in engineering. Volume 3, Issue 4 Page no.16-19 April 2015	An algorithm for detecting brain abscess in MRI images.	2015
	7.	Journal of Engineering Education Transformations	Curricular influence and perceptions of engineering graduates on socio ethical issues related to Biotechnology.	2015
	8.	Journal of Proteins & Proteomics, Vol 6,(4)	ADME modeling of Ginsenosides & characterization of Rg1 Phytosome: An approach towards discovery of potential drug lead for SOD1 and TARDBP targets of ALS.	2015
	9.	IJRET: International Journal Of Research In Engineering And Technology , Volume: 05 Special Issue: 18, ICE-SWWEM- Sep-2016	Bioremediation Of Chromium Contaminated Soil- A Novel Approach To Safeguard Groundwater	2016
	10.	IET Nanobiotechnology	Electrospun polyurethane and Soy protein nano fibers for wound dressing applications (<i>in press</i>)	2017
	11.	International Journal of Current Research and Review (IJCRR) E-ISSN: 0975-5241	Novel application of reversed gel electrophoresis: Reuse of DNA molecular weight marker (<i>accepted</i>)	2017
workshops and conferences (Talk delivered & paper presented 2016-17)		International conference& exhibition on best practices in sustainable water, Waste water & Energy Management-SWWEM-16.	Bioremediation of chromium contaminated soil-A Novel approach to safeguard ground water.	IISc, 18 th August 2016.
		Gen bank flat file KX639813 GJ:1049018031	Bacillus Cereus strain CVBT16 16S ribosomal RNA gene, partial sequence.	NCBI, Gen Bank, 8 th August 2016.
		IWSA conference	Pilot scale production of manure from food waste.	3 rd Dec 2016

		INTERNATIONAL CONFERENCE ON "Global Civil Engineering Challenges in Sustainable Development and Climate Change" (ICGCSC - 17)	Optimal Bandwidth Selection for Remote Sensing Sensor to Estimate Chlorophyll-a in Inland Water	March 17th & 18 th , 2017
		National conference on sustainable engineering and management(NCSEM- 2017)	Eutrophication assessment of Lal Bagh lake using satellite data and investigation of inhibitory effect of the algal toxins.	26 th -27 th May 2017.
		UGC sponsored One day National workshop on Researcher development framework for faculty and students IQAC and Department of Sciences, Govt. College, Anantapuram	Need for publishing research work and ethics involved	19th April, 2017
		Tools and Techniques for a Successful Research Career Padmashree Institute of Management and Sciences, Bangalore	Ethics in publishing Research work	31 st march, 2017